

# Environment, Safety and Health Thesaurus/Dictionary

## Safety Performance Measurement System

### A-SCALE SOUND LEVELS

(EPA)  
DA October 12, 1990  
RT Decibel  
RT Noise Pollution Abatement  
SO Environmental Protection Agency  
Glossary  
DEF (EPA)Measurements of sound approximating the sensitivity of the human ear, used to note the intensity or annoyance of sounds.

### A/E

DA October 12, 1990  
SEE Architect Engineer  
SO Acronyms

### AACS

DA October 12, 1990  
SEE Airborne Activity Confinement Systems  
SO Acronyms

### ABANDONED AREAS

(CFR)  
DA October 12, 1990  
BT1 Sites/Areas  
NT1 Temporarily Abandoned Areas  
RT Inactive Mines  
RT Land Reclamation  
SO Air Pollution  
DEF (CFR)Deserted mine areas in which work has ceased and in which further work is not intended. Areas which function as escapeways and areas formerly used as lunchrooms, shops, and transformer or pumping stations are not considered abandoned areas. Except for designated ventilation passageways designed to minimize the distance to vents, worked-out mine areas are considered abandoned areas for the purpose of this subpart (40 CFR 61.21).

### ABANDONED WELLS

(SDWA; CFR)  
DA October 12, 1990  
BT1 Wells

SO Environmental Protection Agency  
Glossary  
SO Water Pollution  
DEF (EPA)Wells whose use has been permanently discontinued or which are in a state of disrepair such that they cannot be used for their intended purpose.

### ABATEMENT

(EPA)  
DA October 12, 1990  
BT1 Pollution Recovery Processes  
BT2 Processes  
NT1 Noise Pollution Abatement  
RT Pollutant Discharge Elimination System  
RT Reclamation  
SO Environmental Protection Agency  
Glossary  
DEF (EPA)Reducing the degree or intensity of, or eliminating, pollution.

### ABDOMEN

(1115 ABDOMEN)  
DA November 28, 1990  
BT1 Trunk  
BT2 Human Body Parts  
RT Groin  
SO DOE FRASE VOCABULARY

### ABEL

(EPA)  
DA October 12, 1990  
BT1 Computer Codes  
RT Modeling  
SO Environmental Protection Agency  
Glossary  
DEF (EPA)EPA's computer model for analyzing a violator's ability to pay a civil penalty.

### ABLE

DA October 12, 1990  
SEE Scram  
SO Acronyms

### ABNORMAL CONDITION CONTROL

DA January 8, 1991  
SF ACC

BT1 Controls  
SO Nuclear Facilities Incident Database

### ABNORMAL EXPOSURE CONDITIONS (IAEA)

DA October 12, 1990  
BT1 Conditions  
BT1 Emergencies  
BT2 Reportable Occurrences  
BT3 Occurrences  
RT Emergency Exposure  
SO Radiation  
DEF (IAEA)Conditions in which a source or the radiation from it is not under control.

### ABOSFn

DA October 12, 1990  
SEE Nominal Automatic Burnout Safety Factor  
SO Acronyms

### ABOVEGROUND RELEASES

(SWDA; RCRA)  
DA October 19, 1990  
BT1 Releases  
RT Airborne Releases  
SO Wastes  
DEF Releases to the surface of the land or to surface water. This includes, but is not limited to, releases from the aboveground portion of an underground storage tank (UST) system and aboveground releases associated with overfills and transfer operations as the regulated substance moves to or from a UST system.

### ABOVEGROUND TANKS

(SWDA; RCRA; CFR)  
DA October 12, 1990  
BT1 Tanks  
BT2 Facility Components  
SO Environmental Management  
SO Wastes  
DEF Devices situated in such a way that the entire surface area of the tank is completely above the plane of the adjacent surrounding surface and the entire surface area of the

tank (including the tank bottom) is able to be visually inspected.

**ABRASION**

(1300 AB)  
 DA November 28, 1990  
 BT1 Injuries  
 RT Razor(s)  
 SO DOE FRASE VOCABULARY

**ABS-SC**

(NFI)  
 DA October 12, 1990  
 SEE Automatic Backup Shutdown of the Safety Computer  
 SO Acronyms  
 DEF (NFI) Automatic Backup Shutdown of the Safety Computer.

**ABSORBED DOSE**

(DOE Orders 5480.11, 5400.5; ESH; NIH; NCRP; IAEA; EMER)  
 DA October 12, 1990  
 SF D  
 BT1 Doses  
 BT1 Radiation Units  
   BT2 Units of Measure  
 RT Dose Equivalents  
 RT Gray  
 RT Ionizing Radiation  
 RT Irradiation  
 RT Relative Biological Effectiveness  
 SO Emergency Preparedness  
 SO Industrial Hygiene  
 SO Radiation  
 DEF (ESH) The energy imparted to matter by ionizing radiation per unit mass of irradiated material at the place of interest in that material. The absorbed dose is expressed in units of rad (or gray). (1 rad = 0.01 gray.) (NIH) The amount of energy imparted to matter by ionizing radiation per unit mass of irradiated material.

**ABSORBED DOSE RATE**

(IAEA)  
 DA October 12, 1990  
 BT1 Rates  
 RT Dose Rate Meters  
 RT Ionizing Radiation  
 SO Radiation  
 DEF (IAEA) The energy from ionizing radiation absorbed per unit mass is called the absorbed dose. The unit of absorbed dose is the gray (1 Joule/kg) or, historically, the rad which is equal numerically to  $10^{-2}$  Joule/kg (100 erg/g).

**ABSORPTION (CHEMICAL)**

(EPA; NIH)  
 DA October 12, 1990  
 BT1 Chemical Processes  
   BT2 Processes  
 RT Sorption

SO Environmental Protection Agency Glossary  
 DEF (EPA) (1) Adhesion of molecules of gas, liquid or dissolved solids to a surface. (2) The passage of one substance into or through another; e.g., an operation in which one or more soluble components of a gas mixture are dissolved in a liquid.

**ABSORPTION (RADIATION)**

DA February 28, 1991  
 RT Radiation Protection  
 RT Radiation Shields  
 RT Radiation Exposure  
 SO Environmental Protection Agency Glossary  
 SO Radiation  
 DEF (EPA) The phenomenon by which radiation imparts some or all of its energy to any material through which it passes.

**ABSORPTION (WASTE)**

(EPA)  
 DA February 28, 1991  
 BT1 Wastewater Treatment Processes  
   BT2 Treatment  
   BT3 Waste Management Processes  
   BT4 Processes  
 RT Sorption  
 SO Environmental Protection Agency Glossary  
 SO Wastes  
 DEF (EPA) An advanced method of treating wastes in which activated carbon removes organic matter from wastewater.

**AC**

DA October 12, 1990  
 SEE Alternating Current  
 SO Acronyms

**3 AC FLOW**

(NFI)  
 DA October 12, 1990  
 RT Coolants  
 SO Nuclear Facilities Incident Database  
 DEF Refers to the flow conditions when 3 AC motors of the primary coolant circuit are working.

**AC Motors**

DA October 12, 1990  
 SEE Allis-Chalmers Motors  
 SO Acronyms

**ACC**

DA October 12, 1990  
 SEE Abnormal Condition Control  
 SO Acronyms

**ACCELERATOR PRODUCED RADIOACTIVE MATERIALS**

(DOE Order 5820.2A; ANL)  
 DA May 24, 1991

RT Naturally Occurring Radioactive Material  
 SO Radiation

**ACCELERATORS**

(EPA)  
 DA October 12, 1990  
 BT1 Devices  
 RT Radiation  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) In radiation science, devices that speed up charged particles such as electrons or protons.

**ACCEPTABLE DAILY INTAKE**

(EPA)  
 DA October 12, 1990  
 SF ADI  
 BT1 Intake  
   BT2 Measurements  
 BT1 Standards  
   BT2 Codes, Standards, and Regulations  
 RT Hazardous Chemicals  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) An estimate similar in concept to the Reference Dose (RfD), however, derived using a less rigorously defined methodology. RfDs have replaced the ADI as the Agency's preferred value for use in evaluating potential noncarcinogenic health effects resulting from exposure to a chemical.

**ACCEPTABLE INTAKE FOR CHRONIC EXPOSURE**

(EPA)  
 DA October 12, 1990  
 SF AIC  
 BT1 Standards  
   BT2 Codes, Standards, and Regulations  
 RT Hazardous Chemicals  
 RT Intake  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) An estimate similar in concept to the Reference Dose (RfD), however, derived using a less rigorously defined methodology. RfDs have replaced AICs as the Agency's preferred value for use in evaluating potential noncarcinogenic health effects resulting from exposure to a chemical.

**ACCEPTABLE INTAKE FOR SUBCHRONIC EXPOSURE**

(EPA)  
 DA October 12, 1990  
 SF AIS  
 BT1 Standards  
   BT2 Codes, Standards, and Regulations

*RT* Hazardous Chemicals  
*RT* Intake  
*SO* Environmental Protection Agency  
 Glossary

*DEF* (EPA) An estimate similar in concept to a subchronic reference dose (RfD), however, derived using a less rigorously defined methodology. Subchronic RfDs have replaced AICs as the Agency's preferred value for use in evaluating potential noncarcinogenic health effects resulting from exposure to a chemical.

**ACCEPTABLE RISKS**

(SSDC)

DA October 12, 1990

*SY* Residual Risks*BT1* Risks*RT* Assumed Risks*SO* System Safety Development Center  
Glossary

*DEF* (SSDC) Residual risks remaining after controls have been applied to associated hazards that have been identified, quantified to the maximum extent practicable, analyzed, communicated to the proper level of management and accepted after proper evaluation.

**ACCESSIBLE ENVIRONMENT**

(ANL; CFR)

DA May 22, 1991

*BT1* Environment*RT* Atmosphere*RT* Controlled Areas*RT* Surface Waters*SO* Wastes

*DEF* (CFR) The atmosphere, land surface, surface water, oceans, and the portion of the lithosphere that is outside the controlled area.

**ACCIDENT PRONE SITUATION**

(SSDC; IAEA)

DA October 12, 1990

*BT1* Conditions*RT* Accidents*SO* System Safety Development Center  
Glossary

*DEF* (SSDC) A condition in which accidents are predisposed due to the existence of unwanted energy flows around potential targets in the absence of adequate barriers.

**ACCIDENT RESPONSE CAPABILITIES COORDINATING COMMITTEE**

(DOE Order 5500.1A Attach. II, 2)

DA January 24, 1991

*BT1* Committees*BT2* Administrative Organizations*BT3* Organizations*SO* Environmental Management

*DEF* (DOE Order 5500.1A) An advisory body that assists and advises the

manager of the Albuquerque Operations Office in matters relating to the overall management and coordination of DOE's nuclear weapons accident response.

**ACCIDENT RESPONSE GROUPS**

(DOE Order 5500.1A Attach. II, 3).

DA January 24, 1991

*BT1* Groups*BT2* Administrative Organizations*BT3* Organizations*SO* Environmental Management

*DEF* (DOE Order 5500.1A) Groups of technical and scientific experts composed of DOE and DOE-contractor personnel assigned responsibility for providing DOE assistance to peacetime accidents and significant incidents involving nuclear weapons anywhere in the world.

**ACCIDENT SITES**

(EPA)

DA October 12, 1990

*BT1* Sites/Areas*RT* Accidents*RT* Facilities*RT* Incidents*RT* Occurrences*SO* Environmental Protection Agency  
Glossary

*DEF* (EPA) Locations of unexpected occurrences, failures, or losses, either at a plant or along a transportation route, resulting in a release of hazardous materials.

**ACCIDENT TYPES**

(SSDC)

DA October 12, 1990

*SY* Accidental Occurrences*SY* Accidents*RT* Accidents*SO* System Safety Development Center  
Glossary

*DEF* (SSDC) Classification of accidents according to cause, such as the energy or environmental conditions involved, e.g., electrical accidents, radiation accidents.

**ACCIDENTAL OCCURRENCES**

(SWDA; RCRA; CFR)

DA October 12, 1990

*SY* Accidental Types*BT1* Occurrences*NT1* Non-Sudden Accidental

Occurrences

*NT1* Sudden Accidental Occurrences*NT2* Pressure Releases*NT3* Sudden Releases of Pressure*RT* Events and Causal Factors*SO* Wastes

*DEF* Accidents, including continuous or repeated exposure to conditions, which result in bodily injury or

property damage neither expected nor intended from the standpoint of the insured.

**ACCIDENTS**

(DOE Order 5500.1A Attach. II, 1; FIFRA; CFR; SSDC; IAEA; EMER; MORT)

DA October 12, 1990

*SY* Accident Types*SY* Events*SY* Incidents*SY* Mishaps*SY* Occurrences*NT1* Accidents (explosive)*NT1* Aircraft Accidents*NT1* Core Melt Accidents*NT1* Credible Accidents*NT2* Maximum Credible Accident*NT1* Criticality Accidents*NT1* Design Basis Accidents*NT2* Design Basis Earthquakes*NT3* Safe Shutdown Earthquake 135*NT2* Design Basis Fires*NT2* Design Basis Floods*NT2* Design Basis Tornadoes*NT2* Operational DBA*NT1* Failures*NT2* Catastrophic Collapses*NT2* Common Cause Failure*NT2* Containment Failure*NT2* Failed Element Monitors*NT2* Failed Fuel Element*NT2* Flow Failures*NT2* Ground Failures*NT3* Differential Settlement*NT3* Flow Failures*NT3* Landslides*NT3* Lateral Spreads*NT2* Malfunctions*NT2* No Containment Failure*NT2* PCB Transformer Rupture*NT2* Single Failure*NT2* Steam Generator Tube Rupture*NT2* Structural Collapse*NT1* Loss of Coolant Accident*NT2* Small Break LOCA*NT1* Loss of Target Accident*NT1* Minor Accidents*NT1* Nuclear Weapons Accidents*NT1* Operating Basis Accident*NT1* Operational Accidents*NT1* Radioactive Material Transportation  
Accidents*NT1* Radiological Accidents*RT* Accident Prone Situation*RT* Accident Types*RT* Accident Sites*RT* Accidents (explosive)*RT* Amelioration*RT* Barriers*RT* Computerized Accident/Incident  
Reporting System*RT* Contingency Plans*RT* Controls*RT* Corrective Actions*RT* Emergency Response*RT* Events*RT* Fires*RT* Hazards

RT Human Factors Engineering  
 RT Incidents  
 RT Occurrences  
 RT Radiation Protection  
 RT Safety  
 RT Specific Control Factors  
 RT Targets  
 RT Witnesses  
 SO Emergency Preparedness  
 SO Environmental Management  
 SO Radiation  
 SO System Safety Development Center Glossary  
 DEF (MORT) In MORT analysis an accident occurs when an unwanted energy flow or environmental condition that results in adverse consequences reaches persons and/or objects. MORT combines this concept and others into a functional accident definition as follows...(SSDC) Unwanted transfers of energy or environmental conditions which, due to the absence or failure of barriers and/or controls, produces injury to persons, property, or process. (IAEA) In the context of nuclear safety or radiation protection, events which lead or could lead to abnormal exposure conditions.

**ACCIDENTS (EXPLOSIVE)**

(DOE Order 6430.1A)  
 DA October 12, 1990  
 BT1 Accidents  
 RT Accidents  
 SO Construction  
 DEF (DOE Order 6430.1A) Incidents or occurrences that result in an uncontrolled chemical reaction involving explosives.

**ACCLIMATIZATION**

(EPA)  
 DA October 12, 1990  
 SY Adaptations  
 BT1 Processes  
 RT Organisms  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) The physiological and behavioral adjustments of an organism to changes in its environment.

**ACCREDITATION**

(DOE Orders 5480.15, 5480.18)  
 DA October 16, 1990  
 BT1 Administrative Processes  
 BT2 Processes  
 RT Accrediting Boards  
 RT Accreditation Maintenance Reports  
 RT Accreditation Review Teams  
 RT Performance-Based Training  
 RT Training Programs  
 RT Training Program Accreditation Plan  
 DEF (DOE Order 5480.15) The process

of evaluating a program which, through the use of radiation dosimeters, measures and records dose equivalents received by radiation workers. The accreditation process consists of performance tests of personnel dosimeters and site visits by assessors. (DOE Order 5480.18) A process to formally recognize reactor and non-reactor facility training programs as meeting established accreditation objectives and criteria.

**ACCREDITATION COORDINATORS**

(DOE Order 5480.18)  
 DA October 16, 1990  
 BT1 Personnel  
 RT Training Accreditation Program Staff  
 DEF (DOE Order 5480.18) Individuals appointed within the program office and the field organization who are responsible for reviewing accreditation documents and maintaining the communication between DOE and the contractor concerning all accreditation activities associated with the office.

**ACCREDITATION MAINTENANCE REPORTS**

(DOE Order 5480.18)  
 DA October 12, 1990  
 BT1 Reports  
 RT Accreditation  
 DEF (DOE Order 5480.18) Reports written 2 years after accreditation or renewal of accreditation which describe changes in the accredited training programs since the last accreditation review.

**ACCREDITATION REVIEW TEAMS**

(DOE Order 5480.18; EMER)  
 DA October 12, 1990  
 BT1 Management Teams  
 BT2 Teams  
 BT3 Administrative Organizations  
 BT4 Organizations  
 RT Accreditation  
 RT Training Accreditation Program Staff  
 SO Standards  
 DEF (DOE Order 5480.18) Groups of individuals representing the Training Accreditation Program with collective expertise in nuclear facility or reactor operations, nuclear facility training, instructional processes, and training program evaluation. These teams review the facility's Contractor Self-Evaluation Report, visit the facility, evaluate training, and prepare a report of conclusions and recommendations.

**ACCREDITED**

(DOE Order 5480.15)  
 DA October 12, 1990  
 RT Personnel Dosimetry Programs  
 SO Standards  
 DEF (DOE Order 5480.15) The status conferred upon DOE and DOE contractor dosimetry programs that have undergone the accreditation process and met or exceeded the applicable criteria of DOE/EH-0026 and DOE/EH-0027. Programs are accredited for a period of 2 years from the date of notification.

**ACCREDITING BOARDS**

(DOE Order 5480.18; EPA)  
 DA October 12, 1990  
 BT1 Boards  
 BT2 Administrative Organizations  
 BT3 Organizations  
 RT Accreditation  
 SO Standards  
 DEF (DOE Order 5480.18) Independent groups of individuals responsible for making the decision to award or defer accreditation. The Accrediting Board consists of five members with collective expertise in nuclear facility and reactor operations, nuclear and non-nuclear industrial training, instructional processes, and educational accreditation.

**ACCURACY**

(ESH)  
 DA October 12, 1990  
 BT1 Measurements  
 RT Calibration  
 RT Inspections  
 SO Quality Assurance  
 DEF (ESH) The nearness of a result or the mean of a set of results to the true value. Accuracy is assessed by means of reference sample and percent recoveries.

**ACETYLCHOLINE**

(EPA)  
 DA October 12, 1990  
 BT1 Organic Chemicals  
 BT2 Chemical Substances  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) A drug used in the human body having important neurotransmitter effects on various internal systems; often used as a bronchoconstrictor.

**ACH**

DA October 12, 1990  
 SEE Air Changes Per Hour  
 SO Acronyms

**ACID DEPOSITION**

(EPA)

DA October 12, 1990  
**NT1** Acid Rain  
*RT* Air Pollution  
*RT* Combustion  
*RT* Flue Gases  
*RT* Fossil Fuels  
*RT* Manufacturing Processes  
*RT* Nitric Acid Plants  
*RT* Nitrogen Oxides (NO<sub>x</sub>)  
*RT* Sulfuric Acid Plants  
*RT* Sulfur Dioxide  
**SO** Environmental Protection Agency Glossary  
**DEF** (EPA) A complex chemical and atmospheric phenomenon that occurs when emissions of sulfur and nitrogen compounds, and other substances are transformed by chemical processes in the atmosphere, often far from the original sources, and then deposited on earth in either a wet or dry form. The wet forms, popularly called "acid rain," can fall as rain, snow, or fog. The dry forms are acidic gases or particulates.

**ACID RAIN**

(EPA)  
 DA October 12, 1990  
**BT1** Acid Deposition  
*RT* Manufacturing Processes  
**SO** Environmental Protection Agency Glossary  
**DEF** (EPA) A complex chemical and atmospheric phenomenon that occurs when emissions of sulfur and nitrogen compounds and other substances are transformed by chemical processes in the atmosphere, often far from the original sources, and then deposited on earth in the wet form of acid rain.

**ACID SUIT**

(2650 ACID SUIT)  
 DA January 3, 1991  
**BT1** Anticontamination Clothing  
**BT2** Clothing  
**BT2** Personal Protective Equipment  
**BT3** Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)  
**BT4** Equipment  
**SO** DOE FRASE VOCABULARY

**ACLs**

DA October 12, 1990  
*SEE* Alternate Concentration Limits  
**SO** Acronyms

**ACO**

DA June 18, 1991  
*SEE* Administrative Consent Order  
**SO** Acronyms

**ACQUISITION OF THE EQUIVALENT (CFR)**

DA November 15, 1990  
*SY* Replacement  
*RT* Functionally Equivalent Components  
**DEF** (CFR) The substitution for an injured resource with a resource that provides the same or substantially similar services, when such substitutions are in addition to any substitutions made or anticipated as part of response actions and when such substitutions exceed the level of response actions determined appropriate to the site pursuant to the NCP.

**ACR**

DA October 12, 1990  
*SEE* Area Control Room  
**SO** Acronyms

**ACRONYMS**

(EPA; ESH; TSA; EM)  
 DA October 12, 1990  
**DEF** An alphanumeric abbreviation for a complex term, name, or concept. **NOTE:** There are over 900 acronyms in this thesaurus. Acronyms, and their corresponding phrases, are found in their correct alphabetical position in the main body of the thesaurus. A concise listing of all acronyms and their reciprocal phrases is included in the appendices.

**ACRR**

DA October 12, 1990  
*SEE* Annular Core Research Reactor  
**SO** Acronyms

**ACRS**

DA October 12, 1990  
*SEE* Advisory Committee on Reactor Safety  
**SO** Acronyms

**ACT OF GOD**

(ANL; CFR)  
 DA May 22, 1991  
*SY* Act of Nature  
**SO** Natural Phenomenon  
**DEF** (CFR) An unanticipated grave natural disaster or other natural phenomenon of an exceptional, inevitable, and irresistible character, the effects of which could not have been prevented or avoided by the exercise of due care or foresight.

**ACT OF NATURE**

(CECLA; USC; SSDC)  
 DA October 12, 1990  
*SY* Act of God  
*SY* Natural Phenomenon

**NT1** Divergent Windstorms  
**NT2** Downbursts  
**NT3** Microbursts  
**NT2** Downslope Wind  
**NT2** Gust Fronts  
**NT1** Rotational Windstorms  
**NT2** Dust Devils  
**NT2** Tornadoes  
**NT2** Waterspouts  
**NT1** Tectonic Deformations  
**SO** Natural Phenomenon  
**SO** System Safety Development Center Glossary  
**DEF** (SSDC) An act exclusively by violence of nature and without the interference of any human agency. A natural occurrence that cannot be foreseen or prevented. Also called an act of God.

**ACTION AREAS**

(ESA; CFR)  
 DA October 12, 1990  
**BT1** Sites/Areas  
*RT* Actions  
**SO** Endangered Species  
**DEF** (CFR) All areas to be affected directly or indirectly by the Federal action and not merely the immediate area involved in the action.

**ACTION CHARLIE**

(NFI)  
 DA October 12, 1990  
*SY* Manual Reactor Scram  
**SO** Nuclear Facilities Incident Database  
**SO** Radiation  
**DEF** (NFI) Procedural shutdown, manual scram.

**ACTION DESCRIPTION MEMORANDA**

(DOE Order 5440.1D)  
 DA May 14, 1991  
*SF* ADM  
**SO** Management  
**DEF** (DOE Order 5440.1D) An internal DOE document (normally, not more than 5 pages) containing a concise description of a proposed action and discussion of relevant potential environmental issues, to assist DOE in determining the appropriate level of NEPA document for a proposed action.

**ACTION LEVELS**

(TSCA; CFR; EPA)  
 DA October 12, 1990  
*RT* Hazardous Substances  
*RT* Pesticides  
*RT* Response Actions  
*RT* Superfund  
*RT* Tolerances  
**SO** Environmental Management  
**SO** Environmental Protection Agency Glossary  
**DEF** (EPA) Regulatory levels recommended by EPA for

enforcement by FDA and USDA when pesticide residues occur in food or feed commodities for reasons other than the direct application of the pesticide. As opposed to "tolerances" which are established for residues occurring as a direct result of proper usage, action levels are set for inadvertent residues resulting from previous legal use or accidental contamination. (2) In the Superfund program, the existence of a contaminant concentration in the environment high enough to warrant action or trigger a response under Superfund Amendments and Reauthorization Act of 1986 (SARA) and the National Oil and Hazardous Substances Contingency Plan. The term can be used similarly in other regulatory programs.

**ACTION PLANS**

(TTGM)

DA May 6, 1991

BT1 Plans

RT Tiger Team Assessments

RT Tiger Team Assessment Reports

SO Management

DEF (TTGM) The Secretary of DOE requests the Program Senior Official to prepare an action plan which addresses each of the assessment findings and root causes identified in a Tiger Team Assessment Report. The action plan is intended to set forth specific actions which the site will undertake to remedy deficiencies noted in the Tiger Team Assessment Report. The plan will include a timetable and funding requirements for the implementation of the planned actions.

**ACTION PROPENSITY**

(SSDC)

DA October 12, 1990

SO System Safety Development Center Glossary

DEF (SSDC) The ability to make things happen. In an organization, the general manager has a much higher action propensity than those in staff positions, such as safety.

**ACTIONS**

(ESA; CFR)

DA October 12, 1990

BT1 Responses

NT1 Agency Actions

NT1 Alternative Courses of Action

NT1 Assessment Actions

NT1 Automatic Incident Actions

NT1 Categorical Exclusions

NT1 Corrective Actions

NT1 Emergency Actions

NT1 Incident Actions

NT1 Interim Actions

NT1 Proposed Actions

NT1 Protective Actions

NT2 Denials

NT1 Reasonable and Prudent Alternatives

NT1 Reasonable and Prudent Measures

NT1 Recovery Actions

NT1 Remedial Actions

NT2 Remedial Design

NT2 Source Control Remedial Actions

NT2 Uranium Mill Tailings Remedial Action

NT1 Remedial Measures

NT1 Remedies

NT1 Removal Actions

NT1 Replacement

NT1 Response Actions

NT2 Operable Units

NT1 Restoration

RT Action Areas

RT Effects of the Action

SO Endangered Species

DEF (CFR) All activities or programs of any kind authorized, funded, or carried out, in whole or in part, by Federal agencies in the United States or upon the high seas. Examples include, but are not limited to: (a) actions intended to conserve listed species or their habitat; (b) the promulgation of regulations; (c) the granting of licenses, contracts, leases, easements, rights-of-way, permits, or grants-in-aid; or (d) actions directly or indirectly causing modifications to the land, water, or air.

**ACTIVATED CARBON**

(EPA)

DA October 12, 1990

RT Carbon Adsorbers

RT Granular Activated Carbon Treatment

RT Sorption

RT Wastewater Treatment Processes

SO Environmental Protection Agency Glossary

DEF (EPA) A highly adsorbent form of carbon used to remove odors and toxic substances from liquid or gaseous emissions. In waste treatment it is used to remove dissolved organic matter from waste water. It is also used in motor vehicle evaporative control systems.

**ACTIVATED SLUDGES**

(EPA)

DA October 12, 1990

BT1 Sludge

BT2 Wastes

RT Mixed Liquor

RT Wastewater Treatment Processes

SO Environmental Protection Agency Glossary

DEF (EPA) Sludges that result when primary effluent is mixed with bacteria-laden sludge and then agitated and aerated to promote biological treatment. This speeds breakdown of organic matter in raw sewage undergoing secondary waste treatment.

**ACTIVATION (EMERGENCY)**

(CERCLA; CFR; IAEA; ANL)

DA October 12, 1990

BT1 Administrative Processes

BT2 Processes

RT Emergency Situations

RT National Response Teams

RT Regional Response Teams

SO Compensation and Liability

SO Environmental Management

SO Radiation

DEF (CFR) Notification by telephone or other expeditious manner or, when required, the assembly of some or all appropriate members of the National Response Team or the Regional Response Team.

**ACTIVATION (NUCLEAR)**

(IAEA)

DA November 20, 1990

RT Induced Radioactivity

SO Radiation

DEF (IAEA) The production of induced activity by nuclear reactions.

**ACTIVE INGREDIENTS**

(FIFRA; CFR; USC; EPA)

DA October 12, 1990

RT Pesticides

SO Environmental Management

SO Environmental Protection Agency Glossary

DEF (EPA) In any product, components which kill, or otherwise control, target pests. Pesticides are regulated primarily on the basis of active ingredients. (USC) (1) in the case of a pesticide other than a plant regulator, defoliant, or desiccant, ingredients which will prevent, destroy, repel, or mitigate any pest; (2) in the case of a plant regulator, ingredients which, through physiological action, will accelerate or retard the rate of growth or rate of maturation or otherwise alter the behavior of ornamental or crop plants or product thereof; (3) in the case of a defoliant, ingredients which will cause the leaves or foliage to drop from a plant; and (4) in the case of desiccant, ingredients which will artificially accelerate the drying of plant tissue.

**ACTIVE LIFE**

(SWDA; RCRA)  
 DA October 12, 1990  
 BT1 Time Designations  
 RT Hazardous Waste Facilities  
 SO Wastes  
 DEF (SWDA) For a facility, means the period from the initial receipt of hazardous waste at the facility until the regional administrator receives certification of final closure.

**ACTIVE MAINTENANCE**

(ANL; CFR)  
 DA May 22, 1991  
 BT1 Maintenance  
 BT2 Activities  
 SO Wastes  
 DEF (CFR) Any significant remedial activity needed during the period of institutional control to maintain a reasonable assurance that the performance objectives in 10 CFR 61.41 and 61.42 are met. Such active maintenance includes ongoing activities such as the pumping and treatment of water from a disposal unit or one-time measures such as replacement of a disposal unit cover. Active maintenance does not include custodial activities such as repair of fencing, repair or replacement of monitoring equipment, revegetation, minor additions to soil cover, minor repair of disposal unit covers, and general disposal site upkeep such as mowing grass.

**ACTIVE MINES**

(CFR)  
 DA October 12, 1990  
 BT1 Conventional Mines  
 BT2 Sites/Areas  
 SO Air Pollution  
 DEF (CFR) Underground uranium mines from which ore or waste material is currently removed by conventional methods.

**ACTIVE PORTIONS**

(SWDA; RCRA; TSCA; CFR)  
 DA October 12, 1990  
 BT1 Sites/Areas  
 RT Closed Portions  
 RT Inactive Portions  
 RT Treatment, Storage, and Disposal Facilities  
 SO Environmental Management  
 SO Wastes  
 DEF (SWDA) Portions of a facility where treatment, storage, or disposal operation are being or have been conducted and which are not closed portions.

**ACTIVITIES**

DA February 11, 1991

NT1 Activity Types (DOE FRASE Vocabulary)  
 NT2 Building/Equip Maint/Repair Activity  
 NT2 Classified Activity  
 NT2 Construction Activity  
 NT2 Decommissioning Activity  
 NT2 Decontamination Activity  
 NT2 Emergency Response Activity  
 NT2 Equipment Installation Activity  
 NT2 Food Service Activity  
 NT2 Fuel Handling Activity  
 NT2 Grounds Maintenance Activity  
 NT2 Inspection/Monitoring Activity  
 NT2 Janitorial/Housekeeping Activity  
 NT2 Material Handling Activity  
 NT2 Mining/Drilling Activity  
 NT3 Strip Mining  
 NT2 No Activity  
 NT2 Office Activity  
 NT2 Other Non-Task Activity  
 NT2 Physical Fitness Training Activity  
 NT2 Pre Start-Up/ Calibration Activity  
 NT2 Production/Operation Activity  
 NT2 Reactor Refueling Activity  
 NT2 Recreation/Break Activity  
 NT2 Research/Testing Activity  
 NT2 Security Activity  
 NT2 Training/Education Activity  
 NT2 Transportation Activity  
 NT2 Travel Activity  
 NT2 Unknown/Undetermined Activity  
 NT2 Vehicle Maint/Repair Activity  
 NT1 Atomic Energy Defense Activities  
 NT1 Civilian Nuclear Activities  
 NT1 Commercial Activities  
 NT1 Explosives Activities  
 NT1 Maintenance  
 NT2 Active Maintenance  
 NT2 Building/Equip Maint/Repair Activity  
 NT2 Corrective Repair Maintenance  
 NT2 Grounds Maintenance Activity  
 NT2 Predictive Maintenance  
 NT2 Preventive Maintenance  
 NT2 Reliability-Centered Maintenance  
 NT2 Source Control Maintenance Measures  
 NT2 Surveillance and Maintenance  
 NT2 Vehicle Maint/Repair Activity  
 NT2 Wastewater Operations and Maintenance  
 NT1 Major Construction Activities  
 NT1 Monitoring  
 NT2 Air Monitoring  
 NT2 Biomonitoring  
 NT2 Environmental Monitoring  
 NT3 Effluent Monitoring  
 NT3 Environmental Surveillance  
 NT2 Field Monitoring  
 NT2 Health Monitoring  
 NT2 Interstitial Monitoring  
 NT2 Radiological Monitoring  
 NT3 Smear  
 NT2 Vibration and Acoustic Monitoring  
 NT2 Well Monitoring  
 NT1 Nuclear Regulatory Commission Licensed Activities  
 NT1 Operations  
 NT2 Aviation Operations  
 NT3 Charter Operations

NT2 Burial Operations  
 NT3 Shallow Land Burial  
 NT2 Cleanup Operations  
 NT2 Department of Energy Operations  
 NT2 DOE Operations  
 NT2 Emergency Renovation Operations  
 NT2 Headquarters Operations  
 NT2 Planned Renovation Operations  
 NT2 Reactor Operations  
 NT2 Wastewater Operations and Maintenance  
 NT2 Waste Management Operations  
 NT1 Operations and Maintenance  
 NT1 Post Removal Site Control  
 NT1 Post-Incident Activities  
 NT1 Protection of the Public Health and Welfare  
 NT1 Regulated Activities  
 NT1 Research, Development, Demonstration, Testing and Evaluation  
 NT1 Research and Development  
 NT2 Applied Research  
 NT2 Basic Research  
 NT1 Vital Activities  
 NT1 Waterborne Activities  
 RT Graded Approach  
 RT Processes  
 SO Management  
 DEF (WTID) Natural or normal functions or operations; an occupation, pursuit or recreation in which an individual participates.

**ACTIVITY (NUCLEAR)**

(NIH; IAEA)  
 DA November 20, 1990  
 SY Radioactivity  
 BT1 Measurements  
 NT1 Gross Alpha Particle Activity  
 NT1 Gross Beta Particle Activity  
 NT1 Specific Activity  
 NT2 Low Specific Activity  
 RT Hazards  
 SO Radiation  
 DEF (NIH) The number of nuclear disintegrations occurring in a given quantity of material per unit time. Sometimes the former special unit Curie (Ci) is still used. (IAEA) A special name for the unit of activity is becquerel (Bq).

**ACTIVITY DATA SHEETS**

DA January 8, 1991  
 SF ADS (Activity Data Sheets)  
 BT1 Reports  
 RT NEPA Status Reports

**ACTIVITY-MEDIAN AERODYNAMIC DIAMETER**

(CFR; IAEA)  
 DA October 12, 1990  
 SF AMAD  
 BT1 Measurements  
 RT Aerosols  
 SO Radiation  
 DEF (IAEA) The diameter of a unit density sphere with the same

terminal settling velocity in air as that of the aerosol particle whose activity is the median for the entire aerosol considered.

**ACTIVITY PER TON**

DA January 8, 1991  
SF G/T  
BT1 Units of Measure

**ACTIVITY TYPES (DOE FRASE VOCABULARY)**

(DOE FRASE Vocabulary Numeric Keys 1225-1299)

DA November 28, 1990  
BT1 Activities  
NT1 Building/Equip Maint/Repair Activity  
NT1 Classified Activity  
NT1 Construction Activity  
NT1 Decommissioning Activity  
NT1 Decontamination Activity  
NT1 Emergency Response Activity  
NT1 Equipment Installation Activity  
NT1 Food Service Activity  
NT1 Fuel Handling Activity  
NT1 Grounds Maintenance Activity  
NT1 Inspection/Monitoring Activity  
NT1 Janitorial/Housekeeping Activity  
NT1 Material Handling Activity  
NT1 Mining/Drilling Activity  
NT2 Strip Mining  
NT1 No Activity  
NT1 Office Activity  
NT1 Other Non-Task Activity  
NT1 Physical Fitness Training Activity  
NT1 Pre Start-Up/ Calibration Activity  
NT1 Production/Operation Activity  
NT1 Reactor Refueling Activity  
NT1 Recreation/Break Activity  
NT1 Research/Testing Activity  
NT1 Security Activity  
NT1 Training/Education Activity  
NT1 Transportation Activity  
NT1 Travel Activity  
NT1 Unknown/Undetermined Activity  
NT1 Vehicle Maint/Repair Activity  
RT DOE FRASE Categories  
SO DOE FRASE VOCABULARY  
DEF A subject category used with the DOE FRASE Vocabulary.

**ACTS**

(SWDA; RCRA; ESA; CFR; ESH)  
DA October 12, 1990  
BT1 Statutes and Regulations  
NT1 Administrative Procedures Act  
NT2 Individual Plant Examination  
NT1 Archaeological Resources Protection Act of 1979  
NT1 Atomic Energy Act  
NT1 Clean Air Act  
NT1 Clean Water Act  
NT1 Comprehensive Environmental Response, Compensation, etc.  
NT1 Endangered Species Act  
NT1 National Environmental Policy Act  
NT1 Nuclear Waste Policy Act  
NT1 Resource Conservation and Recovery Act

NT1 Safe Drinking Water Act  
NT1 Solid Waste Disposal Act  
NT1 Superfund Amendments and Reauthorization Act of 1986  
NT1 Toxic Substances Control Act  
SO Air Pollution  
SO Endangered Species  
SO Wastes  
SO Water Pollution  
DEF The formal products of a legislative body. Statutes: Clean Air Act; Solid Waste Disposal Act; Resource Conservation and Recovery Act; Endangered Species Act; Public Health Service Act; Clean Water Act; Safe Drinking Water Act; Superfund Amendments and Reauthorization Act.

**ACTUAL CASH VALUE (SSDC)**

DA October 12, 1990  
BT1 Costs  
RT Property Loss  
RT Replacement Values  
SO System Safety Development Center Glossary  
DEF (SSDC) Replacement cost of property at the time of loss, less depreciation based on age, condition, time in use, and obsolescence.

**ACTUARIAL**

(SSDC)  
DA October 12, 1990  
RT Known Precedents  
SO System Safety Development Center Glossary  
DEF (SSDC) Using data from actual past experience to project future performance.

**ACUTE DERMAL LD 50 (FIFRA; CFR)**

DA January 24, 1991  
BT1 Doses  
SO Environmental Management  
DEF (CFR) A single dermal dose of a substance, expressed as milligrams per kilogram of body weight, that is lethal to 50% of the test population of animals under test conditions as specified in the Registration Guidelines.

**ACUTE EFFECTS (EMER)**

DA February 1, 1991  
BT1 Effects  
RT Risk Assessment  
SO Emergency Preparedness  
DEF (EMER) Symptoms of exposure to a hazardous material; normally the result of a short-term exposure which comes quickly to a crisis.

**ACUTE EXPOSURE**

(EPA; EMER)  
DA October 12, 1990  
BT1 Exposure  
RT Acute Oral LD 50  
RT Acute Toxicity  
SO Emergency Preparedness  
SO Environmental Protection Agency Glossary  
DEF (EPA) A single exposure to a toxic substance which results in severe biological harm or death. Acute exposures are usually characterized as lasting no longer than a day.

**ACUTE LD 50**

(FIFRA; CFR)  
DA January 24, 1991  
BT1 LD 50  
BT2 Doses  
SO Environmental Management  
DEF (CFR) A concentration of a substance, expressed as parts per million parts of medium, that is lethal to 50% of the test population of animals under test conditions as specified in the Registration Guidelines.

**ACUTE ORAL LD 50**

(FIFRA; CFR)  
DA January 24, 1991  
BT1 LD 50  
BT2 Doses  
BT1 Lethal Dose  
RT Acute Exposure  
SO Environmental Management  
DEF (CFR) A single orally administered dose of a substance, expressed as milligrams per kilogram of body weight, that is lethal to 50 percent of the test population of animals under test conditions as specified in the Registration Guidelines.

**ACUTE TOXICITY**

(FIFRA; CFR; EPA; EMER)  
DA October 12, 1990  
BT1 Toxicity  
RT Acute Exposure  
SO Emergency Preparedness  
SO Environmental Management  
SO Environmental Protection Agency Glossary  
DEF (EPA) The ability of a substance to cause poisonous effects resulting in severe biological harm or death soon after a single exposure or dose. Also, any severe poisonous effect resulting from a single short-term exposure to a toxic substance.

**ADAPTATIONS**

(EPA)  
DA October 12, 1990  
SY Acclimatization  
BT1 Biological Processes

BT2 Processes  
 RT Ecology  
 RT Natural Selection  
 RT Organisms  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Changes in an organism's structure that help it adjust to its surroundings.

**ADAPTER(S)**  
 (2375 ADAPTER)  
 DA January 3, 1991  
 BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)  
 BT2 Equipment  
 SO DOE FRASE VOCABULARY

**ADC**  
 DA October 12, 1990  
 SEE Analog to Digital Converter  
 SO Acronyms

**ADD ON CONTROL DEVICES**  
 (EPA)  
 DA October 12, 1990  
 BT1 Control Devices  
 BT2 Devices  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) An air pollution control device such as carbon absorber or incinerator which reduces the pollution in an exhaust gas. The control device usually does not affect the process being controlled and thus is "add on" technology, as opposed to a scheme to control pollution through making some alteration to the basic process.

**ADDITIVES**  
 (TSCA; CFR)  
 DA January 24, 1991  
 BT1 Chemical Substances  
 NT1 Biological Additives  
 NT1 Burning Agents  
 NT1 Sinking Agents  
 SO Environmental Management  
 DEF (CFR) A chemical substance that is intentionally added to another chemical substance to improve its stability or impart some other desirable quality.

**ADEQUATELY WETTED**  
 (CFR)  
 DA October 12, 1990  
 RT Air Pollutants  
 RT Dust  
 SO Air Pollution  
 DEF (CFR) Sufficiently mixed or coated with water or an aqueous solution to prevent dust emissions.

**ADHESION**  
 (EPA)  
 DA October 12, 1990  
 BT1 Processes

RT Agglutination  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Molecular attraction which holds the surfaces of two substances in contact.

**ADI**  
 DA October 12, 1990  
 SEE Acceptable Daily Intake  
 SO Acronyms

**ADM**  
 DA May 14, 1991  
 SEE Action Description Memoranda  
 SO Acronyms

**ADMIN. SUPPORT/CLERICAL EMPLOYEE**  
 (0450 OFFICE;CLERK)  
 DA November 28, 1990  
 BT1 Occupations  
 BT1 Personnel  
 NT1 Firefighter  
 NT1 Food Service Employee  
 NT1 Janitor  
 NT1 Misc Service Employee  
 NT1 Security Guard  
 RT Office Activity  
 SO DOE FRASE VOCABULARY

**ADMINISTRATIVE CONSENT ORDER**  
 DA June 18, 1991  
 SF ACO  
 SO Management

**ADMINISTRATIVE ORDERS**  
 (EPA)  
 DA October 12, 1990  
 RT Enforcement Decision Documents  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Legal documents signed by EPA directing an individual, business, or other entity to take corrective action or refrain from an activity. They describe the violation and actions to be taken, and can be enforced in court. Such orders may be issued, for example, as a result of an administrative complaint whereby the respondent is ordered to pay a penalty for violations of a statute.

**ADMINISTRATIVE ORGANIZATIONS**  
 DA February 5, 1991  
 BT1 Organizations  
 NT1 Agencies  
 NT2 Federal Agencies  
 NT3 Atomic Energy Commission  
 NT3 Cognizant Federal Agencies  
 NT3 DOE Design Agency  
 NT3 DOE Production Agency  
 NT3 Federal Aviation Administration  
 NT3 Lead Agencies  
 NT3 National Aeronautic and Space Administration  
 NT3 Nuclear Regulatory Commission

NT4 NRC Office of Nuclear Reactor Regulation  
 NT4 NRC Office of Nuclear Regulatory Research  
 NT3 Occupational Safety and Health Administration  
 NT3 Office of Management and Budget  
 NT3 Procuring Agencies  
 NT3 U.S. Department of Energy  
 NT4 Headquarters Operations  
 NT4 Naval Reactors  
 NT4 Operations Offices  
 NT5 Albuquerque Operations Office  
 NT5 Chicago Operations Office  
 NT5 Idaho Operations Office  
 NT5 Nevada Operations Office  
 NT5 Oak Ridge Operations Office  
 NT5 Richland Operations Office  
 NT5 San Francisco Operations Office  
 NT5 Savannah River Operations Office  
 NT4 Program Offices  
 NT5 Office of the Assistant Secretary for Nuclear Energy  
 NT5 Office of the Assistant Secretary for Fossil Energy  
 NT5 Office of the Assistant Secretary for Defense Programs  
 NT5 Office of the Assistant Secretary for Conservation et al.  
 NT5 Office of the Assistant Secretary for Environment, et al.  
 NT6 Office of Special Projects  
 NT5 Office of Environmental Restoration and Waste Management  
 NT5 Office of New Production Reactors  
 NT5 Office of Civilian Radioactive Waste Management  
 NT5 Office of Energy Research  
 NT6 Office of Basic Energy Sciences  
 NT6 Office of Health and Environmental Research  
 NT3 U.S. Department of Justice  
 NT3 U.S. Department of Labor  
 NT3 U.S. Department of Transportation  
 NT4 Research and Special Programs Administration  
 NT3 U.S. Environmental Protection Agency  
 NT4 Regional Office  
 NT3 User Agencies  
 NT2 Local Agencies  
 NT3 Implementing Agencies  
 NT3 Intermunicipal Agencies  
 NT3 Local Governments  
 NT3 Local Educational Agencies  
 NT2 State Agencies  
 NT3 Air Pollution Control Agencies  
 NT4 Interstate Air Pollution Control Agencies  
 NT3 Colorado Department of Health  
 NT3 Division of the State Fire Marshall

NT3 Implementing Agencies  
 NT3 Interstate Agencies  
   NT4 Interstate Air Pollution Control Agencies  
 NT3 Missouri Department of Natural Resources  
 NT3 New Mexico Environmental Improvement Division  
 NT3 Ohio Bureau of Underground Storage Tank Regulation  
 NT3 Ohio Department of Commerce  
 NT3 Ohio Department of Health  
 NT3 Ohio Environmental Protection Agency  
 NT3 Procuring Agencies  
 NT3 State Routing Agencies  
 NT3 State Emergency Response Commission  
 NT3 State Authority  
 NT3 Tennessee Department of Commerce  
   NT4 Bureau of Environment  
 NT3 Utah Department of Health  
 NT2 Support Agencies  
 NT1 Boards  
   NT2 Accrediting Boards  
   NT2 Energy Research Advisory Board  
   NT2 GDC Planning Board  
   NT2 Regional Water Quality Control Board  
 NT1 Committees  
   NT2 Accident Response Capabilities Coordinating Committee  
   NT2 Advisory Committee on Reactor Safety  
   NT2 Emergency Management Coordination Committee  
   NT2 Interagency Committee on Standards Policy  
   NT2 Local Emergency Planning Committees  
   NT2 Metrication Operating Committee  
   NT2 Metric Transition Committee  
   NT2 Plant Oversight Review Committee  
   NT2 Regional Assistance Committees  
   NT2 Safety Review Committee  
   NT2 Subcommittee on Federal Response  
   NT2 Waste Acceptance Criteria Committee  
 NT1 Divisions  
   NT2 Computer Operations Division  
   NT2 Health, Safety, and Environment Division  
   NT2 New Mexico Environmental Improvement Division  
   NT2 Occupational Health Division  
 NT1 Groups  
   NT2 Accident Response Groups  
   NT2 Carcinogen Risk Assessment Verification Endeavor Workgroup  
   NT2 Emergency Management Coordination Committee Secretariat  
   NT2 Interagency Group on Energy Vulnerability  
   NT2 Purchasing Group  
   NT2 Reactor Materials Control Group  
   NT2 Risk Retention Group  
   NT2 Standards-developing Groups

NT2 State and Tribal Government Working Group  
 NT1 Indian Governing Bodies  
 NT1 Offices  
   NT2 Grand Junction Projects Office  
   NT2 NRS Office for Analysis and Evaluation of Operational Data  
   NT2 NRS Office of Inspection and Enforcement  
   NT2 Office of Defense Waste and Transportation Management  
   NT2 Office of Management and Budget  
   NT2 Office of Technology Development  
   NT2 Office of Weapons Production  
   NT2 Operations Offices  
     NT3 Albuquerque Operations Office  
     NT3 Chicago Operations Office  
     NT3 Idaho Operations Office  
     NT3 Nevada Operations Office  
     NT3 Oak Ridge Operations Office  
     NT3 Richland Operations Office  
     NT3 San Francisco Operations Office  
     NT3 Savannah River Operations Office  
   NT2 Program Offices  
     NT3 Office of the Assistant Secretary for Nuclear Energy  
     NT3 Office of the Assistant Secretary for Fossil Energy  
     NT3 Office of the Assistant Secretary for Defense Programs  
     NT3 Office of the Assistant Secretary for Conservation et.al.  
     NT3 Office of the Assistant Secretary for Environment, et. al.  
     NT4 Office of Special Projects  
     NT3 Office of Environmental Restoration and Waste Management  
     NT3 Office of New Production Reactors  
     NT3 Office of Civilian Radioactive Waste Management  
     NT3 Office of Energy Research  
     NT4 Office of Basic Energy Sciences  
     NT4 Office of Health and Environmental Research  
   NT2 Program Enrichment Office  
   NT2 Regional Coordinating Offices  
   NT2 Sample Management Offices  
 NT1 Operating Organizations  
 NT1 Program Organizations  
 NT1 Teams  
   NT2 Management Teams  
     NT3 Accreditation Review Teams  
     NT3 Continuity of Government Emergency Management Teams  
     NT3 Crisis Management Teams  
     NT3 Emergency Management Teams  
     NT4 Energy Emergency Management Teams  
     NT4 Operational Emergency Management Teams  
   NT3 Headquarters Coordinating Teams  
   NT2 Response Teams  
     NT3 Airborne Response Teams  
     NT3 Emergency Support Teams  
     NT3 Emergency Response Teams  
     NT3 Energy Emergency Teams  
     NT3 Environmental Response Teams

NT3 Explosive Ordnance Disposal Teams  
 NT3 Hazardous Materials Response Teams  
 NT3 Hostage Negotiation Teams  
 NT3 National Response Teams  
 NT3 Nuclear Emergency Search Teams  
 NT3 Radiological Assistance Teams  
 NT3 Regional Response Teams  
 NT3 Special Response Teams  
 NT3 Tactical Response Teams  
 NT2 Tiger Teams  
 RT Commercial Organizations  
 RT Educational Organizations  
 RT Research and Development Organizations

**ADMINISTRATIVE PROCEDURES ACT**

(EPA)  
 DA October 12, 1990  
 BT1 Acts  
   BT2 Statutes and Regulations  
 NT1 Individual Plant Examination  
 RT Procedures  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Laws that spell out procedures and requirements related to the promulgation of regulations.

**ADMINISTRATIVE PROCESSES**

DA February 26, 1991  
 BT1 Processes  
 NT1 Accreditation  
 NT1 Activation (Emergency)  
 NT1 Arbitration  
 NT1 Assessments  
   NT2 Biological Assessments  
   NT2 Consequence Assessments  
   NT2 Credibility Assessments  
   NT2 Damage Assessments  
   NT3 Natural Resource Damage Assessment  
   NT3 Natural Resource Damage Preassessment Screens  
 NT2 Data Quality Assessments  
 NT2 Endangered Assessment  
 NT2 Environmental Assessments  
 NT2 Exposure Assessment  
 NT2 Operation Assessment and Readiness  
   NT2 Performance Assessments  
   NT2 Preliminary Assessment  
   NT2 Process Waste Assessment  
   NT2 RCRA Facility Assessment  
   NT2 Risk Assessment  
     NT3 Probabilistic Risk Assessment  
   NT2 Seabrook Station Probabilistic Safety Assessment  
   NT2 Self-Assessment  
   NT2 Systematic Assessment of Licensee Performance  
   NT2 Tiger Team Assessments  
   NT3 Environment Assessments  
   NT3 Management and Organization Assessment  
   NT3 Safety and Health Assessments  
 NT2 Type A Assessments

NT2 Type B Assessments  
 NT2 Unified Dose Assessments  
 NT1 Audits (SSDC)  
 NT2 Environmental Audits  
 NT2 Field Audits  
 NT2 Internal Audits  
 NT2 System Audits  
 NT1 Classification  
 NT1 Closure  
 NT2 Current Closure Cost Estimate  
 NT2 Current Post-Closure Cost Estimate  
 NT2 Final Closure  
 NT2 Partial Closure  
 NT2 Site Closure and Stabilization  
 NT1 Comprehensive Planning  
 NT1 Construction Project Planning  
 NT1 Coordination Processes  
 NT1 Cost Recovery  
 NT1 Critical Incident Technique  
 NT1 Decommissioning  
 NT1 Final Authorizations  
 NT1 Formal Consultation  
 NT1 General Design Process  
 NT1 Hazards Identification  
 NT1 Innovation Diffusion  
 NT1 Inspections  
 NT2 Compliance Inspections  
 NT2 Condition Assessment Surveys  
 NT2 Failed Instrument Component Inspection  
 NT2 Maintenance Team Inspection  
 NT2 Safety System Functional Inspection  
 NT2 Safety System Outage Modification Inspection  
 NT2 Site Inspections  
 NT1 Inspections (Nuclear)  
 NT1 Inspection and Evaluation  
 NT1 Investigations  
 NT2 Remedial Investigations  
 NT3 RCRA Remedial Investigation  
 NT2 Special Health Supervision  
 NT1 Issue Identification  
 NT1 Modification  
 NT2 Major Modification  
 NT2 Major PSD Modification  
 NT1 Program Evaluation and Review Technique  
 NT1 Project Planning and Control  
 NT1 Reconstruction  
 NT1 Release of Property  
 NT1 Renovation  
 NT2 Emergency Renovation Operations  
 NT1 Reviews  
 NT2 Environmental Reviews  
 NT2 Operational Readiness Reviews  
 NT2 Safety Reviews  
 NT3 Backfit Reviews  
 NT3 Independent (Safety) Reviews  
 NT2 Safety Program Reviews  
 NT2 Special Reviews  
 NT1 Safety Analysis Process  
 NT1 Siting  
 NT1 State Coordination  
 NT1 State Notification  
 NT1 Surveillance  
 NT2 Environmental Surveillance  
 NT1 Test Authorizations  
 NT1 Tiering

NT1 Upstream Processes  
 NT1 Validation  
 NT1 Verification  
 NT2 Calibration Checks  
 NT2 Verification of Training and Retraining  
 NT1 Work Processes

**ADMINISTRATORS**  
 (SWDA; RCRA; CERCLA; TSCA; SDWA; CFR; EPA; ESH)  
 DA October 12, 1990  
 BT1 Personnel  
 NT1 Assistant Administrator for Fisheries  
 NT1 Regional Administrator  
 RT Authorized Representatives  
 SO Air Pollution  
 SO Compensation and Liability  
 SO Hazardous Materials  
 SO Wastes  
 SO Water Pollution  
 DEF (CFR) The Administrator of the U.S. Environmental Protection Agency, or an authorized representative. (ESH) The Administrator of the Environmental Protection Agency, or any office or employee of the Agency to whom authority has heretofore been delegated, or to whom authority may hereafter be delegated, to act in his stead.

**ADS (Activity Data Sheets)**  
 DA October 12, 1990  
 SEE Activity Data Sheets  
 SO Acronyms

**ADS (automatic depressurization system)**  
 DA October 12, 1990  
 SEE Automatic Depressurization System  
 SO Acronyms

**ADULTERANTS**  
 (EPA)  
 DA October 12, 1990  
 BT1 Chemical Substances  
 RT Impurities  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Chemical impurities or substances that by law do not belong in a food or in a pesticide.

**ADVANCED LIGHT SOURCE**  
 DA January 8, 1991  
 SF ALS

**ADVANCED TEST REACTOR**  
 (SSDC)  
 DA May 24, 1991  
 SY Test Reactor Area  
 BT1 Reactors  
 SO Radiation  
 SO System Safety Development Center Glossary

**ADVANCED WASTE WATER TREATMENT**  
 (EPA)  
 DA October 12, 1990  
 BT1 Wastewater Treatment Processes  
 BT2 Treatment  
 BT3 Waste Management Processes  
 BT4 Processes  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Any treatment of sewage that goes beyond the secondary or biological water treatment stage and includes the removal of nutrients such as phosphorus and nitrogen and a high percentage of suspended solids.

**ADVERSE IMPACT ON VISIBILITY**  
 (CAA; CFR; ESH)  
 DA October 12, 1990  
 RT Visibility Impairments  
 SO Air Pollution  
 DEF (CFR) Denotes visibility impairment which interferes with the management, protection, preservation, or enjoyment of the visitor's visual experience of the Federal Class I area. This determination must be made on a case-by-case basis taking into account the geographic extent, intensity, duration, frequency and time of visibility impairments, and how these factors correlate with (1) times of visitor use of the Federal Class I area, and (2) the frequency and timing of natural conditions that reduce visibility. This term does not include effects on integral vistas.

**ADVERSE MODIFICATIONS**  
 (ESA; CFR)  
 DA October 19, 1990  
 SY Destruction  
 RT Critical Habitats  
 SO Endangered Species  
 DEF (CFR) Direct or indirect alterations that appreciably diminish the value of critical habitat for both the survival and recovery of a listed species. Such alterations include, but are not limited to, alterations adversely modifying any of those physical or biological features that were the basis for determining the habitat to be critical.

**ADVISORY**  
 (EPA)  
 DA October 12, 1990  
 BT1 Reports  
 RT Risk Management  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) A non-regulatory document that communicates risk information to persons who may have to make risk management decisions.

**ADVISORY COMMITTEE ON REACTOR SAFETY**

DA January 8, 1991

SF *ACRS*

BT1 Committees

BT2 Administrative Organizations

BT3 Organizations

RT Reactors

**AEA**

DA October 12, 1990

SEE Atomic Energy Act

SO Acronyms

**AEC**

DA October 12, 1990

SEE Atomic Energy Commission

SO Acronyms

**AEOD**

DA October 12, 1990

SEE NRS Office for Analysis and Evaluation of Operational Data

SO Acronyms

**AERATION**

(EPA)

DA October 12, 1990

BT1 Biological Processes

BT2 Processes

NT1 Diffused Air Process

NT1 Mechanical Aeration

RT Aeration Tanks

RT Aerobic Treatment

RT Air

RT Biological Treatment

RT Composting

SO Environmental Protection Agency Glossary

DEF (EPA) A process which promotes biological degradation of organic water. The process may be passive (as when waste is exposed to air) or active (as when a mixing or bubbling device introduces the air).

**AERATION TANKS**

(EPA)

DA October 12, 1990

BT1 Tanks

BT2 Facility Components

RT Aeration

SO Environmental Protection Agency Glossary

DEF (EPA) Chambers used to inject air into water.

**AERATION ZONES**

(SWDA; RCRA)

DA October 19, 1990

SY Unsaturated Zones

BT1 Zones

BT2 Sites/Areas

RT Saturated Zones

SO Wastes

DEF (CFR) The zones between the land surface and the water table.

**AERIAL MEASURING SYSTEMS**

(DOE Order 5500.1A Attach. II, 4)

DA January 24, 1991

BT1 Systems

RT Radiological Monitoring

SO Environmental Management

DEF (DOE 5500.1A) Aerial detection systems with the capability of measuring extremely low levels of gamma radiation and locating and tracking multi-spectral sensing capabilities.

**AEROBIC**

(EPA)

DA October 12, 1990

RT Anaerobic

RT Organisms

SO Environmental Protection Agency Glossary

DEF (EPA) Life or processes that require, or are not destroyed by, the presence of oxygen.

**AEROBIC TREATMENT**

(EPA)

DA October 12, 1990

BT1 Biological Treatment

BT2 Treatment

BT3 Waste Management Processes

BT4 Processes

RT Aeration

RT Microorganisms

SO Environmental Protection Agency Glossary

DEF (EPA) Process by which microbes decompose complex organic compounds in the presence of oxygen and use the liberated energy for reproduction and growth. Types of aerobic processes include extended aeration, trickling filtration, and rotating biological contactors.

**AEROSOLS**

(EPA)

DA October 12, 1990

RT Activity-Median Aerodynamic Diameter

RT Atomize

RT Dust

RT Inhalation

RT Particulates

SO Environmental Protection Agency Glossary

DEF (EPA) A suspension of liquid or solid particles in a gas.

**AFB**

DA October 12, 1990

SEE Air Force Base

SO Acronyms

**AFESC**

DA October 12, 1990

SEE Air Force Engineering and Services Center

SO Acronyms

**AFFECTED FACILITIES**

(CAA; ESH)

DA October 12, 1990

BT1 Facilities

RT Stationary Sources

SO Air Pollution

DEF (ESH) Affected facilities means, with reference to a stationary source, apparatuses to which a New Source Performance Standard is applicable.

**AFFECTED PERSONS**

(EMER)

DA February 1, 1991

SO Emergency Preparedness

DEF (EMER) Individuals who have been exposed and/or injured as a result of an accident involving any type of hazardous material, to a degree requiring special attention (i.e., decontamination, first aid, or medical service).

**AFTERBURNERS**

(EPA)

DA October 12, 1990

BT1 Control Devices

BT2 Devices

RT Combustion

RT Incinerators

SO Environmental Protection Agency Glossary

DEF (EPA) In incinerator technology, burners located so that the combustion gases are made to pass through their flame in order to remove smoke and odors. They may be attached to or be separated from the incinerator proper.

**AFW**

DA October 12, 1990

SEE Auxiliary Feedwater

SO Acronyms

**AGENCIES**

(SDWA; CFR; USC; ESH; EMER)

DA October 12, 1990

BT1 Administrative Organizations

BT2 Organizations

NT1 Federal Agencies

NT2 Atomic Energy Commission

NT2 Cognizant Federal Agencies

NT2 DOE Design Agency

NT2 DOE Production Agency

NT2 Federal Aviation Administration

NT2 Lead Agencies

NT2 National Aeronautic and Space Administration

NT2 Nuclear Regulatory Commission

NT3 NRC Office of Nuclear Reactor Regulation

NT3 NRC Office of Nuclear Regulatory Research

NT2 Occupational Safety and Health Administration

NT2 Office of Management and Budget

**NT2** Procuring Agencies  
**NT2** U.S. Department of Energy  
**NT3** Headquarters Operations  
**NT3** Naval Reactors  
**NT3** Operations Offices  
**NT4** Albuquerque Operations Office  
**NT4** Chicago Operations Office  
**NT4** Idaho Operations Office  
**NT4** Nevada Operations Office  
**NT4** Oak Ridge Operations Office  
**NT4** Richland Operations Office  
**NT4** San Francisco Operations Office  
**NT4** Savannah River Operations Office  
**NT3** Program Offices  
**NT4** Office of the Assistant Secretary for Nuclear Energy  
**NT4** Office of the Assistant Secretary for Fossil Energy  
**NT4** Office of the Assistant Secretary for Defense Programs  
**NT4** Office of the Assistant Secretary for Conservation et.al.  
**NT4** Office of the Assistant Secretary for Environment, et. al.  
**NT5** Office of Special Projects  
**NT4** Office of Environmental Restoration and Waste Management  
**NT4** Office of New Production Reactors  
**NT4** Office of Civilian Radioactive Waste Management  
**NT4** Office of Energy Research  
**NT5** Office of Basic Energy Sciences  
**NT5** Office of Health and Environmental Research  
**NT2** U.S. Department of Justice  
**NT2** U.S. Department of Labor  
**NT2** U.S. Department of Transportation  
**NT3** Research and Special Programs Administration  
**NT2** U.S. Environmental Protection Agency  
**NT3** Regional Office  
**NT2** User Agencies  
**NT1** Local Agencies  
**NT2** Implementing Agencies  
**NT2** Intermunicipal Agencies  
**NT2** Local Governments  
**NT2** Local Educational Agencies  
**NT1** State Agencies  
**NT2** Air Pollution Control Agencies  
**NT3** Interstate Air Pollution Control Agencies  
**NT2** Colorado Department of Health  
**NT2** Division of the State Fire Marshall  
**NT2** Implementing Agencies  
**NT2** Interstate Agencies  
**NT3** Interstate Air Pollution Control Agencies  
**NT2** Missouri Department of Natural Resources  
**NT2** New Mexico Environmental Improvement Division  
**NT2** Ohio Bureau of Underground Storage Tank Regulation  
**NT2** Ohio Department of Commerce  
**NT2** Ohio Department of Health

**NT2** Ohio Environmental Protection Agency  
**NT2** Procuring Agencies  
**NT2** State Routing Agencies  
**NT2** State Emergency Response Commission  
**NT2** State Authority  
**NT2** Tennessee Department of Commerce  
**NT3** Bureau of Environment  
**NT2** Utah Department of Health  
**NT1** Support Agencies  
**SO** Air Pollution  
**SO** Emergency Preparedness  
**SO** Hazardous Materials  
**SO** Water Pollution  
**DEF** (WEBSTER) Official bodies through which power is exerted or an end is achieved; an administrative division of the government.

**AGENCY ACTIONS**

**(ESA; CFR)**  
**DA** October 12, 1990  
**BT1** Actions  
**BT2** Responses  
**RT** Federal Agencies  
**SO** Endangered Species  
**DEF** (CFR) All actions of any kind authorized, funded or carried out, in whole or in part by Federal agencies, including, in the instance of an application for a permit or license, the underlying activity for which the permit or license is sought.

**AGENCY LEAD OFFICIALS**

**(EMER)**  
**DA** February 1, 1991  
**BT1** Personnel  
**SO** Emergency Preparedness  
**DEF** (EMER) The designated officials in each participating agency authorized to direct that agency's response to a radiological emergency.

**AGENT ORANGE**

**(EPA)**  
**DA** October 12, 1990  
**BT1** CERCLA Hazardous Substances  
**BT2** Hazardous Substances  
**BT1** Defoliants  
**BT2** Herbicides  
**BT3** Pesticides  
**BT4** Hazardous Substances  
**RT** Halogenated Organic Compounds  
**SO** Environmental Protection Agency Glossary  
**DEF** (EPA) A toxic herbicide and defoliant which was used in the Vietnam conflict. It contains 2,4,5-trichlorophenoxyacetic acid (2,4,5-T) and 2,4-dichlorophenoxyacetic acid (2,4-D) with trace amounts of dioxin.

**AGGLOMERATION**

**(EPA)**  
**DA** October 12, 1990  
**BT1** Processes  
**RT** Air Pollution  
**RT** Flocculation  
**RT** Sedimentation  
**SO** Environmental Protection Agency Glossary  
**DEF** (EPA) The process by which precipitation particles grow larger by collision or contact with cloud particles or other precipitation particles.

**AGGLUTINATION**

**(EPA)**  
**DA** October 12, 1990  
**BT1** Processes  
**RT** Adhesion  
**SO** Environmental Protection Agency Glossary  
**DEF** (EPA) The process of uniting solid particles coated with a thin layer of adhesive material or of arresting solid particles by impact on a surface coated with an adhesive.

**AGITATOR**

**(2100 AGITATOR)**  
**DA** December 10, 1990  
**BT1** Machines (DOE FRASE Vocabulary)  
**BT2** Equipment  
**SO** DOE FRASE VOCABULARY

**AGREEMENT STATES**

**(CFR; EMER)**  
**DA** October 12, 1990  
**BT1** States  
**RT** Agreements  
**RT** Nuclear Regulatory Commission  
**SO** Air Pollution  
**SO** Emergency Preparedness  
**DEF** (CFR) States with which the Atomic Energy Commission or the Nuclear Regulatory Commission has entered into an effective agreement under subsection 274(b) of the Atomic Energy Act of 1954, as amended.

**AGREEMENTS**

**(ESA; CFR)**  
**DA** October 12, 1990  
**NT1** Consent Order and Compliance Agreement  
**NT1** Cooperative Agreements  
**NT1** Federal Facilities Agreement  
**NT2** Federal Facilities Compliance Agreement  
**NT1** Interagency Agreement  
**NT2** Federal Facilities Compliance Agreement  
**NT1** Mutual Assistance Agreements  
**NT1** State/EPA Agreements  
**NT2** Superfund Memorandum of Agreement  
**RT** Agreement States

**AGREEMENTS**

**Safety Performance Measurement System**

**SO** Endangered Species  
**DEF** (CFR) Signed documented statements of the actions to be taken by the State(s) and the Director in furthering certain purposes of the Act. They include:  
 (1) A Cooperative Agreement entered into pursuant to section 6(c) of the Act and, where appropriate, containing provisions found in section 6(d)(2) of the act.  
 (2) A Grant-In-Aid Award which includes a statement of the actions to be taken in connection with the conservation of endangered or threatened species receiving Federal financial assistance, objectives and costs of such action and costs to be borne by the Federal Government and by the State(s).

**AGRICULTURAL MACHINE**  
 (2101 AGRICULTURAL)  
 DA December 10, 1990  
 BT1 Machines (DOE FRASE Vocabulary)  
 BT2 Equipment  
 SO DOE FRASE VOCABULARY

**AGRICULTURAL POLLUTION**  
 (EPA)  
 DA October 12, 1990  
 BT1 Pollution  
 BT1 Wastes  
 RT Agricultural Solid Wastes  
 RT Air Pollution  
 RT Methane  
 RT Pesticides  
 RT Water Pollution  
 SO Environmental Protection Agency Glossary  
**DEF** (EPA) The liquid and solid wastes from farming, including runoff and leaching of pesticides and fertilizers, erosion and dust from plowing, animal manure and carcasses, crop residues, and debris.

**AGRICULTURAL SOLID WASTES**  
 (RCRA; CFR)  
 DA January 24, 1991  
 BT1 Solid Wastes  
 BT2 Wastes  
 RT Agricultural Pollution  
 SO Environmental Management  
**DEF** (CFR) The solid waste that is generated by the rearing of animals and the producing and harvesting of crops or trees.

**AGRICULTURE PERSONNEL**  
 DA November 29, 1990  
 BT1 Occupations  
 BT1 Personnel  
 NT1 Forest Worker  
 NT1 Groundskeeper

**NT1** Misc Agriculture Employee  
 SO DOE FRASE VOCABULARY

**AIA**  
 DA October 12, 1990  
 SEE Automatic Incident Actions  
 SO Acronyms

**AIC**  
 DA October 12, 1990  
 SEE Acceptable Intake for Chronic Exposure  
 SO Acronyms

**AIF**  
 DA October 12, 1990  
 SEE Atomic Industrial Forum  
 SO Acronyms

**AIR**  
 (CFR)  
 DA November 15, 1990  
 SY Air Resources  
**NT1** Ambient Air  
**NT1** Indoor Air  
**NT1** Outside Air  
**NT1** Overfire Air  
**NT1** Stable Air  
**NT1** Underfire Air  
 RT Aeration  
 RT Atmosphere  
 RT Inhalation  
 RT Ventilation  
**DEF** (CFR) Those naturally occurring constituents of the atmosphere, including those gases essential for human, plant, and animal life.

**AIR CHANGES PER HOUR**  
 DA January 14, 1991  
 SF ACH  
 BT1 Measurements  
**DEF** (EPA) The movement of a volume of air in a given time; if a house has one air change per hour, it means all of the air in the house will be replaced in a one-hour time period.

**AIR COMPRESSOR**  
 (2102 AIR COMPRESS)  
 DA December 10, 1990  
 BT1 Compressor  
 BT2 Machines (DOE FRASE Vocabulary)  
 BT3 Equipment  
 SO DOE FRASE VOCABULARY

**AIR CONDITIONER**  
 (2475 AIR CONDITIO)  
 DA January 3, 1991  
 SO DOE FRASE VOCABULARY

**AIR CONTAMINANTS**  
 (EPA)  
 DA October 12, 1990  
 SY Air Pollutants  
 BT1 Contaminants

**RT** Air Pollution  
**RT** Particulates  
**SO** Environmental Protection Agency Glossary  
**DEF** (EPA) Particulate matter, gases, or combination thereof, other than water vapor or natural air.

**AIR CURTAINS**  
 (EPA)  
 DA October 12, 1990  
**RT** Oil Spills  
**SO** Environmental Protection Agency Glossary  
**DEF** (EPA) A method of containing oil spills. Air bubbling through a perforated pipe causes an upward water flow that slows the spread of oil. It can also be used to stop fish from entering polluted water.

**AIR DRYER**  
 (2103 AIR DRYER)  
 DA December 10, 1990  
 BT1 Machines (DOE FRASE Vocabulary)  
 BT2 Equipment  
 SO DOE FRASE VOCABULARY

**AIR FORCE BASE**  
 DA January 8, 1991  
 SF AFB  
 BT1 Facilities

**AIR FORCE ENGINEERING AND SERVICES CENTER**  
 DA January 8, 1991  
 SF AFESC  
 BT1 Centers  
 BT1 Facilities

**AIR HOIST**  
 (2300 AIR HOIST)  
 DA December 10, 1990  
 BT1 Hoist(s)  
 BT2 Hoisting Apparatus  
 BT3 Material Handling Device  
 BT4 Devices  
 BT4 Equipment/Parts - Material Handling (DOE FRASE Vocabulary)  
 BT5 Equipment  
 SO DOE FRASE VOCABULARY

**AIR LOCK ROOM**  
 (1675 AIR LOCK ROO)  
 DA December 10, 1990  
 BT1 Room  
 BT2 Sites/Areas  
 SO DOE FRASE VOCABULARY

**AIR MASK**  
 (2651 AIR MASK)  
 DA January 3, 1991  
 BT1 Personal Protective Equipment  
 BT2 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)

BT3 Equipment  
 RT Dust Mask  
 RT Nose  
 SO DOE FRASE VOCABULARY

**AIR MASS**  
 (EPA)  
 DA October 12, 1990  
 RT Inversion  
 RT Smog  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) A widespread body of air that gains certain meteorological or polluted characteristics, e.g., a heat inversion or smogginess while set in one location. The characteristics can change as it moves away.

**AIR MONITORING**  
 (EPA)  
 DA October 12, 1990  
 BT1 Monitoring  
 BT2 Activities  
 RT Air Pollution  
 RT Alternate Methods  
 RT Monitoring Systems  
 RT Reference Methods  
 RT Run  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Periodic or continuous surveillance or testing to determine the level of compliance with statutory requirements and/or pollutant levels in the atmosphere.

**AIR POLLUTANTS**  
 (EPA; USC)  
 DA October 12, 1990  
 SY Air Contaminants  
 NT1 Designated Pollutants  
 NT1 Dust  
 NT2 Soot  
 NT1 Emissions  
 NT2 Effluents  
 NT3 Radioactive Effluents  
 NT2 Exhaust Gases  
 NT2 Fugitive Emissions  
 NT3 Uncontrolled Total Arsenic Emissions  
 NT2 Fumes  
 NT2 Particulate Matter Emissions  
 NT3 Allowable Emissions  
 NT3 Excess Emissions  
 NT3 PM<sub>10</sub> Emissions  
 NT3 Visible Emissions  
 NT2 Process Emissions  
 NT2 Reactor Opening Loss  
 NT2 Secondary Emissions  
 NT1 Flue Gases  
 NT2 Condenser Stack Gases  
 NT1 Fly Ash  
 NT1 Hazardous Air Pollutants  
 NT2 Volatile Hazardous Air Pollutant (VHAP)  
 NT3 Vinyl Chloride  
 NT1 Particulates  
 NT2 Airborne Particulates

NT3 Particulate Matter  
 NT4 Particulate Asbestos Materials  
 NT4 PM<sub>10</sub>  
 BT1 Photochemical Smog  
 NT2 Oxidants  
 NT1 Plumes  
 NT2 Vapor Plumes  
 NT1 Smog  
 NT1 Smoke  
 NT1 Toxic Clouds  
 NT1 Toxic Air Pollutants  
 RT Adequately Wetted  
 RT Air Pollution  
 RT Alternate Methods  
 RT Area Sources  
 RT Emission Factor  
 RT Emission Inventory  
 RT Emission Limitation  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Any substance in air which could, if in high enough concentration, harm man, other animals, vegetation, or material. Pollutants may include almost any natural or artificial composition of matter capable of being airborne. They may be in the form of solid particles, liquid droplets, gases, or in combinations of these forms. Generally, they fall into two main groups: (1) those emitted directly from identifiable sources; and (2) those produced in the air by interaction between two or more primary pollutants, or by reaction with normal atmospheric constituents, with or without photoactivation. Exclusive of pollen, fog, and dust, which are of natural origin, about 100 contaminants have been identified and fall into these categories: solids, sulfur compounds, volatile organic chemicals, nitrogen compounds, oxygen compounds, halogen compounds, radioactive compounds, and odors.

**AIR POLLUTION**  
 (EPA)  
 DA October 12, 1990  
 BT1 Pollution  
 NT1 Hazardous Air Pollution  
 NT1 Indoor Air Pollution  
 NT1 Man-Made Air Pollution  
 NT1 Photochemical Smog  
 NT2 Oxidants  
 NT1 Smog  
 NT1 Wood-Burning Stove Pollution  
 RT Acid Deposition  
 RT Agglomeration  
 RT Agricultural Pollution  
 RT Air Contaminants  
 RT Air Monitoring  
 RT Air Pollutants  
 RT Air Pollution Episodes  
 RT Air Pollution Control Agencies  
 RT Air Quality Standards  
 RT Background Levels

RT Banking (Air Pollution)  
 RT Emissions  
 RT Emission Standards  
 RT Episodes (Pollution)  
 RT Equivalent Methods  
 RT Excess Emissions  
 RT Exhaust Gases  
 RT Particulates  
 RT Plumes  
 RT Pollutant Standard Index  
 RT Reclamation  
 RT Soot  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) The presence of contaminant or pollutant substances in the air that do not disperse properly and interfere with human health or welfare, or produce other harmful environmental effects.

**AIR POLLUTION CONTROL AGENCIES**  
 (USC)  
 DA November 15, 1990  
 BT1 State Agencies  
 BT2 Agencies  
 BT3 Administrative Organizations  
 BT4 Organizations  
 NT1 Interstate Air Pollution Control Agencies  
 RT Air Pollution  
 RT Municipalities  
 RT State Agencies  
 DEF (USC) Any of the following: (1) A single State agency designated by the Governor of that State as the official State air pollution control agency for purposes of this Act; (2) An agency established by two or more States and having substantial powers or duties pertaining to the prevention and control of air pollution; (3) A city, county, or other local government health authority, or, in the case of any city, county, or other local government in which there is an agency other than the health authority charged with responsibility for enforcing ordinances or laws relating to the prevention and control of air pollution, such other agency; or (4) An agency of two or more municipalities located in the same State or in different States and having substantial powers or duties pertaining to the prevention and control of air pollution.

**AIR POLLUTION EPISODES**  
 (EPA)  
 DA October 12, 1990  
 BT1 Incidents  
 RT Air Pollution  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Periods of abnormally high concentration of air pollutants, often due to low winds and

## AIR POLLUTION EPISODES

temperature inversion, that can cause illness and death.

### AIR QUALITY CONTROL REGIONS (EPA)

DA October 12, 1990

BT1 Sites/Areas

NT1 Federal Class I areas

NT2 Mandatory Class I Federal Areas

NT1 Regions

RT Air Quality Standards

RT Bay Area Air Quality Management District

SO Environmental Protection Agency Glossary

DEF (EPA) Areas, designated by the federal government, in which communities share a common air pollution problem. Sometimes several states are involved.

### AIR QUALITY CRITERIA (EPA)

DA October 12, 1990

RT Air Quality Standards

RT Anti-Degradation Clause

SO Environmental Protection Agency Glossary

DEF (EPA) The levels of pollution and lengths of exposure above which adverse health and welfare effects may occur.

### AIR QUALITY STANDARDS (EPA)

DA October 12, 1990

BT1 Standards

BT2 Codes, Standards, and Regulations

NT1 Ambient Air Quality Standards

NT2 National Ambient Air Quality Standards

NT3 Primary Standards

NT3 Secondary Standards

RT Air Pollution

RT Air Quality Control Regions

RT Air Quality Criteria

RT Control Strategies

RT Emission Limitation

RT Emission Standards

RT National Standards (Air Pollution)

SO Environmental Protection Agency Glossary

DEF (EPA) The level of pollutants prescribed by regulations that may not be exceeded during a specified time in a defined area.

### AIR RESOURCES (CFR)

DA November 15, 1990

SY Air

BT1 Natural Resources

DEF (CFR) Those naturally occurring constituents of the atmosphere, including those gases essential for human, plant, and animal life.

### AIR TAMPER

(2950 AIR TAMPER)

DA January 3, 1991

BT1 Tools - Powered

BT2 Tools (DOE FRASE Vocabulary)

BT3 Equipment

SO DOE FRASE VOCABULARY

### AIRBORNE ACTIVITY CONFINEMENT SYSTEMS

DA January 8, 1991

SF AACCS

BT1 Confinement Systems

BT2 Systems

### AIRBORNE PARTICULATES (EPA)

DA October 12, 1990

BT1 Particulates

BT2 Air Pollutants

NT1 Particulate Matter

NT2 Particulate Asbestos Materials

NT2 PM<sub>10</sub>

RT Airborne Radioactive Materials

SO Environmental Protection Agency Glossary

DEF (EPA) Total suspended particulate matter found in the atmosphere as solid particles or liquid droplets. The chemical composition of particulates varies widely, depending on location and time of year. Airborne particulates include windblown dust, emissions from industrial processes, smoke from the burning of wood and coal, and the exhaust of motor vehicles.

### AIRBORNE RADIOACTIVE MATERIALS (AEA; CFR)

DA January 24, 1991

BT1 Radioactive Materials

BT2 Materials

RT Airborne Particulates

SO Environmental Management

DEF (CFR) Radioactive materials dispersed in the air in the form of dust, fume, mist, vapor, or gas.

### AIRBORNE RELEASES (EPA; EMER)

DA October 12, 1990

BT1 Releases

RT Aboveground Releases

SO Emergency Preparedness

SO Environmental Protection Agency Glossary

DEF (EPA) Releases of any chemical into the air.

### AIRBORNE RESPONSE TEAMS (EMER)

DA February 1, 1991

BT1 Response Teams

BT2 Teams

BT3 Administrative Organizations

BT4 Organizations

SO Emergency Preparedness

DEF (EMER) Groups of one or more

## Safety Performance Measurement System

armed security inspectors who are specially trained in airborne tactics and equipment to respond to security incidents.

### AIRCRAFT

(DOE Order 5480.13)

DA October 16, 1990

NT1 Cargo Aircraft Only

RT Civil Aircraft

NT1 Modern Aircraft

NT1 Passenger-carrying Aircraft

NT1 Public Aircraft

RT Aircraft Pilot

RT Aircraft Accidents

RT Aircraft Incidents

RT Airports

RT Aviation Operations

RT Jet Thrust Units

RT Passengers (Aircraft)

RT Starter Cartridges

RT Targets

SO Aviation Safety

DEF (DOE Order 5480.13) A device that is used or intended to be used for flight in the air, including heavier-than-air and lighter-than-air aircraft, airplanes, gliders, helicopters, rigid and nonrigid airships, and balloons.

### AIRCRAFT ACCIDENTS

(DOE Order 5480.13 5B)

DA October 12, 1990

BT1 Accidents

RT Aircraft

SO Aviation Safety

SO Environmental Management

DEF (DOE Order 5480.13) An occurrence associated with the operation of an aircraft which takes place between the time a person boards the aircraft with the intention of flight until such time as all persons have disembarked and in which any person suffers death or serious injury as a result of being in or on the aircraft or anything attached thereto, or in which the aircraft receives substantial damage.

### AIRCRAFT INCIDENTS

(DOE Order 5480.13 5C)

DA October 12, 1990

BT1 Incidents

RT Aircraft

SO Aviation Safety

SO Environmental Management

DEF (DOE Order 5480.13) Deviations from the normal, planned, or expected aviation operation, if deviations have adverse safety, health, or environmental effects or potential effects and are not classified as accidents.

### AIRCRAFT PILOT

(0825 AIR PILOT)

DA November 28, 1990  
 BT1 Transport Personnel  
   BT2 Occupations  
   BT2 Personnel  
 RT Aircraft  
 SO DOE FRASE VOCABULARY

**AIRPORTS**

(DOE Order 5480.13)  
 DA October 12, 1990  
 NT1 Heliports  
 RT Aircraft  
 SO Aviation Safety  
 DEF (DOE Order 5480.13) An area of land or water that is used or intended to be used for the landing and takeoff of aircraft, including its buildings and facilities, if any.

**AIS**

DA October 12, 1990  
 SEE Acceptable Intake for Subchronic Exposure  
 SO Acronyms

**ALACHLOR**

(EPA)  
 DA October 12, 1990  
 BT1 Herbicides  
   BT2 Pesticides  
   BT3 Hazardous Substances  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) An herbicide, marketed under the trade name Lasso, used mainly to control weeds in corn and soybean fields.

**ALAP**

DA October 12, 1990  
 SEE As Low As Practicable  
 SO Acronyms

**ALAR**

(EPA)  
 DA October 12, 1990  
 BT1 Organic Chemicals  
   BT2 Chemical Substances  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Trade name for daminozide, a plant growth regulator, that makes apples redder, firmer, and less likely to drop off trees before growers are ready to pick them. It is also used to a lesser extent on peanuts, tart cherries, concord grapes, and other fruits.

**ALARA**

DA October 12, 1990  
 SEE As Low As Reasonably Achievable  
 SO Acronyms

**ALARMS**

(EMER)  
 DA February 1, 1991  
 BT1 Devices

NT1 Attack Warning Signals  
 NT1 Attention Signals  
 NT1 Criticality Alarm System  
 NT1 Criticality Alarms  
 NT1 Fire Alarm System  
 NT1 High Temperature Alarm  
 NT1 Intrusion Alarm System (Perimeter or Interior)  
 NT1 Kanne Alarm  
 NT1 Level Alarm  
 NT1 Radiation Alarm System  
 RT Alert Signals  
 RT Central Alarm Stations  
 RT Controls  
 RT Defense Readiness Conditions  
 SO Emergency Preparedness  
 DEF (EMER) Series of alerting devices which may include effluent or stack monitor alarms, duress alarms, vault alarms, gas alarms, entry alarms, radiation monitor alarms, or other alarms.

**ALASKA POWER ADMINISTRATION**

DA May 15, 1991  
 BT1 Power Marketing Administrations  
 SO Management  
 DEF (U.S. Government Manual) The Administration is responsible for operating and marketing power for two Federal hydroelectric projects in Alaska. Power operations and marketing functions involving the Eklutna and Snettisham Hydroelectric Projects include the projects' transmission systems serving the Anchorage and Juneau areas.

**ALASKAN NATIVES**

(ESA; CFR)  
 DA October 12, 1990  
 RT Indian Tribes  
 SO Endangered Species  
 DEF (CFR) A person defined in the Alaska Native Claims Settlement Act (43 USC 1603(b); 85 Stat. 588) as a citizen of the United States who is of one-fourth degree or more Alaska Indian (including Tsimshian Indians enrolled or not enrolled in the Metlaktla Indian Community), Eskimo, or Aleut blood, or combination thereof. The term includes any Native, as so defined, either or both of whose adoptive parents are not Natives. It also includes, in the absence of proof of a minimum blood quantum, any citizen of the United States who is regarded as an Alaska Native by the Native village or town of which he claims to be a member and whose father or mother is (or, if deceased, was) regarded as Native by any Native village or Native town. Any citizen enrolled by the Secretary pursuant to section 5 of the Alaska Native Claims Settlement Act shall be

conclusively presumed to be an Alaskan Native for purposes of 50 CFR 17.3.

**ALBUQUERQUE OPERATIONS OFFICE**

DA January 11, 1991  
 BT1 Operations Offices  
   BT2 Offices  
     BT3 Administrative Organizations  
     BT4 Organizations  
 BT2 U.S. Department of Energy  
   BT3 Federal Agencies  
     BT4 Agencies  
     BT5 Administrative Organizations  
     BT6 Organizations  
 RT Allied-Signal Inc.  
 RT EG&G Mound Applied Technologies, Inc.  
 RT General Electric  
 RT Lovelace Medical Foundation  
 RT Mason and Hanger-Silas Mason Co.  
 RT Ross Aviation, Inc.  
 RT Sandia Corporation AT&T Technologies, Inc.  
 RT University of California  
 RT Westinghouse Electric Corp.  
 DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) The principal mission of the Albuquerque Operations Office is national security. Established in 1946, AL operates an extensive weapons laboratory and production complex from Florida to California. AL directs weapons research, development and production and provides program execution and project management functions for assigned energy research and development activities. AL operates a system for safe and secure transport of all Government-owned Special Nuclear Material of strategic quantities, coordinates and administers nuclear test detection activities and maintains capabilities for radiological assistance and nuclear weapons accident response.

**ALDICARB**

(EPA)  
 DA October 12, 1990  
 BT1 CERCLA Hazardous Substances  
   BT2 Hazardous Substances  
 BT1 Hazardous Constituents  
 BT1 Insecticides  
   BT2 Pesticides  
   BT3 Hazardous Substances  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) An insecticide sold under the trade name Temik. It is made from ethyl isocyanate.

**ALERT**

(EMER)

DA February 1, 1991  
 BT1 Operational Emergency Response Levels  
 BT2 Emergency Response Levels  
 RT Defense Readiness Conditions  
 SO Emergency Preparedness  
 DEF (EMER) An emergency response level which represents an event in progress or having occurred which involves an actual or potential substantial reduction of the level of safety of the facility.

**ALERT SIGNALS**

(EMER)  
 DA February 1, 1991  
 RT Alarms  
 RT Emergencies  
 SO Emergency Preparedness  
 DEF (EMER) Three- to five-minute steady tones, sounded strictly at the option of and on the authority of local government officials. The signals may be activated for natural or man-made disasters as local authorities may determine and may also be used to call attention to essential emergency information. Use of the attention or alert signals should always be accompanied by a public explanation and instructions to the public over local broadcast stations or by other means.

**ALGAE**

(EPA)  
 DA October 12, 1990  
 BT1 Phytoplankton  
 BT2 Plankton  
 BT1 Plants  
 RT Eutrophication  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Simple rootless plants that grow in sunlit waters in relative proportion to the amounts of nutrients available. They can affect water quality adversely by lowering the dissolved oxygen in the water. They are food for fish and small aquatic animals.

**ALGAE BLOOM**

(SSDC)  
 DA May 24, 1991  
 SY Red Tide  
 SY Water Bloom  
 BT1 Natural Phenomenon  
 SO Water Pollution

**ALGAL BLOOMS**

(EPA)  
 DA October 12, 1990  
 RT Water Pollution  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Sudden spurts of algal growth, which can affect water

quality adversely and indicate potentially hazardous changes in local water chemistry.

**ALI**

DA October 12, 1990  
 SEE Annual Limit on Intake  
 SO Acronyms  
 SO Industrial Hygiene  
 SO Radiation

**ALIQUTS**

(ESH)  
 DA October 12, 1990  
 BT1 Samples  
 RT Replicate Samples  
 RT Standard Sample  
 SO Management  
 DEF (ESH) Fractions of a field sample taken for complete processing through an analytical procedure (a "laboratory sample" of a field sample).

**ALLEGATIONS**

(TSCA; CFR)  
 DA October 12, 1990  
 RT Complaints  
 SO Hazardous Materials  
 DEF (CFR) Statements, made without formal proof or regard for evidence, that a chemical substance or mixture has caused a significant adverse reaction to health or to the environment.

**ALLEN WRENCH**

(3025 ALLEN WRENCH)  
 DA January 3, 1991  
 BT1 Wrench(s)  
 BT2 Tools (DOE FRASE Vocabulary)  
 BT3 Equipment  
 SO DOE FRASE VOCABULARY

**ALLEY**

(1600 ALLEY)  
 DA December 10, 1990  
 BT1 Site (DOE FRASE Vocabulary)  
 BT2 Sites/Areas  
 SO DOE FRASE VOCABULARY

**ALLIED-SIGNAL INC.**

DA January 11, 1991  
 BT1 Companies  
 BT2 Commercial Organizations  
 BT3 Organizations  
 BT1 DOE Contractors  
 BT2 Potentially Responsible Parties  
 RT Albuquerque Operations Office  
 RT Kansas City Plant

**ALLIS-CHALMERS MOTORS**

DA January 8, 1991  
 SF AC Motors  
 BT1 Equipment

**ALLOWABLE EMISSIONS**

(CAA; ESH)

DA October 12, 1990  
 BT1 Particulate Matter Emissions  
 BT2 Emissions  
 BT3 Air Pollutants  
 RT State Implementation Plans  
 RT Stationary Sources  
 SO Air Pollution  
 DEF (ESH) The emissions rate of a stationary source calculated using the maximum rated capacity of the source (unless the source is subject to federally enforceable limits which restrict the operating rate, or hours of operation, or both) and the most stringent of the following: (1) The applicable standards set forth in 40 CFR 60 or 61; (2) any applicable State Implementation Plan emissions limitation including those with a future compliance date; or (3) the emissions rate specified as a federally enforceable permit condition, including those with a future compliance date.

**ALLOWABLE OUTAGE TIME**

DA January 8, 1991  
 SF AOT  
 BT1 Time Designations  
 RT Time Delay

**ALLOWABLE SOIL BEARING CAPACITY**

(DOE Order 6430.1A)  
 DA October 12, 1990  
 SO Construction  
 DEF (DOE Order 6430.1A) The maximum permissible pressure on foundation soils under which the settlements of various footings will not exceed a reasonable value.

**ALPHA**

DA February 26, 1991  
 SY Safeguards and Security Alert I (Code Designator: Alpha)  
 BT1 Safeguards and Security Alerts  
 BT2 Safeguards and Security Emergencies  
 BT3 Emergencies  
 BT4 Reportable Occurrences  
 BT5 Occurrences  
 SO Emergency Preparedness  
 DEF (EMER) A maximum alert action which shall be effected when the head of a field office determines that conditions warrant maximum security measures at U.S. Department of Energy (DOE) or DOE contractor facilities.

**ALPHA DECAY RADIOISOTOPES**

(EDB)  
 DA March 29, 1991  
 BT1 Radionuclides  
 BT2 CERCLA Hazardous Substances  
 BT3 Hazardous Substances  
 BT2 Nuclides

NT1 Radium 226  
 NT1 Radon 222  
 NT1 Thorium 230  
 NT1 Uranium 238  
 SO Radiation

Operations Center from which the emergency management team can carry out emergency response activities in the event the designated primary Emergency Operations Center cannot be used.

limited to, drinking water and household water supplies.

**AMAD**

DA October 12, 1990  
 SEE Activity-Median Aerodynamic Diameter  
 SO Acronyms

**ALPHA PARTICLES**

(EPA; NIH; NCRP; EMER)

DA October 12, 1990  
 BT1 Charged Particles  
 RT Alpha Rays  
 RT Charged Particle Equilibrium  
 RT Directly Ionizing Particles  
 RT Gross Alpha Particle Activity  
 RT Ionizing Radiation  
 RT Radioactive Decay  
 SO Emergency Preparedness  
 SO Environmental Protection Agency Glossary  
 SO Radiation  
 DEF (EPA) Positively charged particles composed of 2 neutrons and 2 protons released by some atoms undergoing radioactive decay. The particles are identical to the nucleus of a helium atom. (NIH) A strongly ionizing particle emitted from the nucleus during radioactive decay having a mass and charge equal in magnitude to a helium nucleus, consisting of 2 protons and 2 neutrons with a double positive charge. The nucleus of a helium atom which is ejected from some radionuclides during radioactive decay.

**ALTERNATE METHODS**

(EPA)  
 DA October 12, 1990  
 RT Air Monitoring  
 RT Air Pollutants  
 RT Equivalent Methods  
 RT Reference Methods  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Methods of sampling and analyzing for an air pollutant which are not reference or equivalent methods but which have been demonstrated in specific cases to EPA's satisfaction to produce results adequate for compliance.

**AMBIENT**

(DOE Order 6430.1A)  
 DA October 12, 1990  
 RT Environment  
 SO Construction  
 DEF (DOE Order 6430.1A) Surrounding environmental conditions.

**AMBIENT AIR**

(CAA; CFR; EPA)  
 DA October 12, 1990  
 SY Outside Air  
 BT1 Air  
 SO Environmental Management  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Any unconfined portion of the atmosphere: open air, surrounding air. (CFR) That portion of the atmosphere, external to buildings, to which the general public has access.

**AMBIENT AIR QUALITY STANDARDS**

(SWDA; CFR)  
 DA November 5, 1990  
 BT1 Air Quality Standards  
 BT2 Standards  
 BT3 Codes, Standards, and Regulations  
 NT1 National Ambient Air Quality Standards  
 NT2 Primary Standards  
 NT2 Secondary Standards  
 DEF (EPA) Outside air quality standards established by the EPA.

**ALPHA RAYS**

(NIH)  
 DA October 12, 1990  
 BT1 Non-Penetrating Radiation  
 BT2 Radiation  
 RT Alpha Particles  
 RT Ionizing Radiation  
 SO Radiation  
 DEF (NIH) Streams of fast-moving helium nuclei (alpha particles), a strongly ionizing and weakly penetrating radiation.

**ALTERNATE ROD INSERTION**

DA January 8, 1991  
 SF *ARI*

**ALTERNATING CURRENT**

DA January 8, 1991  
 SF *AC*  
 NT1 Volts Alternating Current  
 RT Electrical Equipment

**AMELIORATION**

(SSDC)  
 DA October 12, 1990  
 SY Corrective Actions  
 NT1 Mitigation  
 NT1 Off-Site Federal Support  
 NT1 On-Site Federal Support  
 NT1 Protective Actions  
 NT2 Denials  
 NT1 Protective Measures  
 NT1 Recovery Plans  
 NT2 Recovery Actions  
 RT Accidents  
 RT Incidents  
 RT Occurrences  
 RT Protection of the Public Health and Welfare  
 SO System Safety Development Center Glossary  
 DEF (SSDC) Those things that are done immediately following an accident to limit its consequences and to

**ALS**

DA October 12, 1990  
 SEE Advanced Light Source  
 SO Acronyms

**ALTERNATIVE COURSES OF ACTION**

(ESA; CFR; USC)  
 DA October 12, 1990  
 SY Reasonable and Prudent Alternatives  
 BT1 Actions  
 BT2 Responses  
 RT DOE Alternative  
 RT Record of Decision (NEPA)  
 SO Endangered Species  
 DEF All reasonable and prudent alternatives, including both no action and alternatives extending beyond original project objectives and acting agency jurisdiction.

**ALTERNATE CONCENTRATION LIMITS**

DA January 8, 1991  
 SF *ACLs*  
 BT1 Limits

**ALTERNATIVE WATER SUPPLIES**

(CERCLA; USC)  
 DA October 12, 1990  
 RT Drinking Water Supplies  
 SO Compensation and Liability  
 DEF (CERCLA) Includes, but is not

**ALTERNATE EMERGENCY OPERATIONS CENTER**

(DOE Order 5500.1A Attach. II, 5)  
 DA January 24, 1991  
 BT1 Centers  
 RT Emergency Operations Centers  
 SO Environmental Management  
 DEF (DOE 5599.1A) An alternate facility to the designated Emergency

reduce the sensitivity of those consequences.

**AMERICAN NATIONAL METRIC COUNCIL**

(DOE Order 5900.2)  
 DA October 12, 1990  
 BT1 Research and Development Organizations  
 BT2 Organizations  
 RT Metric System  
 RT Metrication  
 SO Quality Assurance  
 DEF (DOE Order 5900.2) A private nonprofit organization that serves as a planning, coordinating, and information center for metric activities in the United States.

**AMERICAN NATIONAL STANDARDS INSTITUTE**

DA January 8, 1991  
 SF ANS/  
 BT1 Institutes  
 BT2 Research and Development Organizations  
 BT3 Organizations  
 RT Standards

**AMERICAN NUCLEAR SOCIETY**

DA January 8, 1991  
 SF ANS  
 BT1 Research and Development Organizations  
 BT2 Organizations

**AMERICAN PETROLEUM INSTITUTE**

DA January 8, 1991  
 SF API (*American Petroleum Institute*)  
 BT1 Institutes  
 BT2 Research and Development Organizations  
 BT3 Organizations

**AMERICAN SOCIETY OF MECHANICAL ENGINEERS**

DA January 8, 1991  
 SF ASME  
 BT1 Professional Bodies  
 BT2 Organizations

**AMMETER(S)**

(2750 AMMETER)  
 DA January 3, 1991  
 BT1 Equipment/Parts - Instrumentation/Measuring (DOE FRASE Voc.)  
 BT2 Equipment  
 BT1 Indicator(s)  
 BT2 Instrument(s)  
 BT3 Equipment/Parts - Instrumentation/Measuring (DOE FRASE Voc.)  
 BT4 Equipment  
 SO DOE FRASE VOCABULARY

**AMMUNITION**

(DOE Order 5480.16)

DA October 16, 1990  
 BT1 Munitions  
 NT1 Chemical Ammunition  
 NT2 Smoke Grenades  
 NT1 Rocket Ammunition  
 NT1 Small Arms Ammunition  
 RT Small Arms  
 SO Firearms  
 DEF (DOE Order 5480.16) As associated with small arms, is the assembled cartridge, including primer, powder, case, and projectile.

**AMPLIFIER(S)**

(2376 AMPLIFIER)  
 DA January 3, 1991  
 BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)  
 BT2 Equipment  
 SO DOE FRASE VOCABULARY

**AMPUTATION**

(1301 AMPUTATION)  
 DA November 28, 1990  
 BT1 Injuries  
 RT Avulsion  
 SO DOE FRASE VOCABULARY

**ANADROMOUS FISH**

(EPA)  
 DA October 12, 1990  
 BT1 Fish  
 BT2 Animals  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Fish that spend their adult life in the sea but swim upriver to fresh water spawning grounds to reproduce.

**ANAEROBIC**

(EPA)  
 DA October 12, 1990  
 RT Aerobic  
 RT Anaerobic Digestion  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) A life or process that occurs in, or is not destroyed by, the absence of oxygen.

**ANAEROBIC DIGESTION**

(DOE Order 6430.1A)  
 DA October 12, 1990  
 BT1 Digestion  
 BT2 Processes  
 RT Anaerobic  
 RT Biological Oxidation  
 RT Denitrification  
 RT Microorganisms  
 SO Construction  
 DEF (DOE Order 6430.1A) Biological stabilization of domestic wastewater sludge by microorganisms that function in the absence of oxygen.

**ANALOG TO DIGITAL CONVERTER**

DA January 8, 1991  
 SF ADC  
 BT1 Equipment

**ANALYSES**

(SSDC; MORT)  
 DA October 12, 1990  
 NT1 Change Analyses  
 NT1 Cost-Effective Analysis  
 NT1 Differential Cost Benefit Analysis  
 NT1 Failure Mode and Effect Analysis  
 NT1 Fault Tree Analysis  
 NT1 Hazard Analysis  
 NT1 Matrix/Spike-Duplicate Analysis  
 NT1 Proper Job Analysis  
 NT1 Regional Frequency Analysis  
 NT1 Risk Analysis  
 NT1 Root Cause Analysis  
 NT1 Safety Analysis  
 NT2 Job Safety Analysis  
 NT2 Preliminary Safety Analysis  
 NT2 System (Safety) Analyses  
 NT1 Safety (Hazard) Analysis  
 NT1 Single Failure Analysis  
 NT1 Special Analytical Services  
 NT1 Supplement Analyses  
 NT1 Task Analysis  
 NT1 Time Loss (T/I) Analysis  
 NT1 Vulnerability Analyses  
 RT Analytical Batches  
 RT Analytical (Logic) Trees  
 RT Assessments  
 RT Communication  
 RT Corrective Action Triggers  
 RT Failure Reporting Analysis and Corrective Action System  
 RT Fire Hazard Analysis Report  
 RT Knowledge  
 RT Monitoring  
 RT NRS Office for Analysis and Evaluation of Operational Data  
 RT Nuclear Safety Analysis Center  
 RT Predictive Maintenance  
 RT Routine Analytical Services  
 RT Safety Analysis Reports  
 RT Safety Analysis Process  
 RT Sampling and Analysis Plans  
 RT Sampling and Analysis  
 RT Technical Information  
 RT Trending  
 SO System Safety Development Center Glossary  
 DEF (SSDC) Examinations of a complex, its elements, and their relationships. The use of methods and techniques of arranging data to (a) assist in deciding what additional facts are needed; (b) establish consistency, validity, and logic; (c) establish necessary and sufficient events for causes; and (d) guide and support inferences and judgments. (MORT) MORT analysis asks: were the data collection and analysis procedures adequate? were there analyses made of the data? did the analyses provide the proper risk assessment information to the

decision maker responsible for the risk assumption? Related issues include: risk projection analysis, diagnostic statistics analysis, status and predictive statistics, etc.

**ANALYTES**

(EPA)  
 DA October 12, 1990  
 RT Chemical Substances  
 RT Sampling  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) The chemicals for which a sample is analyzed.

**ANALYTICAL (LOGIC) TREES**

(SSDC)  
 DA October 12, 1990  
 SY Logic Trees  
 BT1 Diagrams  
 NT1 Event Tree  
 NT1 Fault Tree  
 NT2 Management Oversight and Risk Tree  
 NT1 Positive (objective) Trees  
 RT Analyses  
 RT Less than Adequate  
 RT Logic Gates  
 SO System Safety Development Center Glossary  
 DEF (SSDC) Diagrams, in the shapes of trees, using different geometrical symbols to aid a user in systematically portraying information in a logical sequence and showing relationships between elements of the tree. Trees may be positive or negative (fault tree).

**ANALYTICAL BATCHES**

(ESH)  
 DA October 12, 1990  
 BT1 Batches  
 BT2 Samples  
 RT Analyses  
 SO Quality Assurance  
 DEF (ESH) Samples which are analyzed together with the same method sequence and the same lots of reagents and with the manipulations common to each sample within the same time period or in continuous sequential time periods. Samples in each batch should be of similar composition.

**ANCILLARY EQUIPMENT**

(SWDA; RCRA; CFR)  
 DA October 12, 1990  
 BT1 Equipment  
 RT Underground Storage Tanks  
 SO Environmental Management  
 SO Wastes  
 DEF Any devices including, but not limited to, such devices as piping, fittings, flanges, valves, and

pumps used to distribute, meter, or control the flow of regulated substances to and from an underground storage tank (UST).

**AND GATE**

(SSDC)  
 DA October 12, 1990  
 BT1 Logic Gates (Boolean)  
 SO System Safety Development Center Glossary  
 DEF (SSDC) A logic gate that produces an output only when all input events occur. May contain the identifying word "AND".

**ANIMAL BITE**

(1302 ANIMAL BITE)  
 DA November 28, 1990  
 BT1 Injuries  
 NT1 Snake Bite  
 SO DOE FRASE VOCABULARY

**ANIMALS**

(USC)  
 DA November 15, 1990  
 NT1 Fish  
 NT2 Anadromous Fish  
 NT2 Catadromous Fish  
 NT2 Game Fish  
 NT2 Rough Fish  
 NT1 Herbivores  
 NT1 Insects  
 NT1 Nematodes  
 NT1 Sea Turtles  
 RT Captivity-bred  
 RT Captivity  
 RT Ecology  
 RT Targets  
 RT Threatened Species  
 RT Wildlife  
 DEF (USC) All vertebrate and invertebrate species, including but not limited to man and other mammals, birds, fish, and shellfish.

**ANKLE(S)**

(1126 ANKLE)  
 DA November 28, 1990  
 BT1 Joint(s)  
 BT2 Human Body Parts  
 RT Foot/Feet  
 RT Leg(s)  
 SO DOE FRASE VOCABULARY

**ANKLE PROTECTION**

(2652 ANKLE PROTEC)  
 DA January 3, 1991  
 BT1 Foot Protection  
 BT2 Personal Protective Equipment  
 BT3 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)  
 BT4 Equipment  
 SO DOE FRASE VOCABULARY

**ANL-E**

DA October 12, 1990

**ANNUAL EFFECTIVE DOSE EQUIVALENT**

SEE Argonne National Laboratory-East (Chicago)  
 SO Acronyms

**ANL-W**

DA October 12, 1990  
 SEE Argonne National Laboratory-West (At INEL)  
 SO Acronyms

**ANNIHILATION (ELECTRON)**

(NIH)  
 DA October 12, 1990  
 RT Electrons  
 SO Radiation  
 DEF (NIH) An interaction between a positive and negative electron; their energy, including rest energy, being converted into electromagnetic radiation (annihilation radiation).

**ANNUAL DOCUMENT LOGS**

(TSCA)  
 DA October 19, 1990  
 BT1 Reports  
 RT Annual Reports  
 RT PCB Wastes  
 RT Reports  
 SO Hazardous Materials  
 DEF (TSCA) Detailed information maintained by a facility on the PCB waste handling at that facility.

**ANNUAL DOSE EQUIVALENT**

(DOE Order 5480.11)  
 DA October 16, 1990  
 BT1 Dose Equivalents  
 BT2 Radiation Units  
 BT3 Units of Measure  
 NT1 Annual Effective Dose Equivalent  
 NT2 Cumulative Annual Effective Dose Equivalent  
 RT Annual Dose Equivalent Limit  
 DEF (DOE Order 5480.11) The dose equivalent received in a year. Annual dose equivalent is expressed in units of rem (or sievert).

**ANNUAL DOSE EQUIVALENT LIMIT (IAEA)**

DA October 12, 1990  
 BT1 Dose Limit  
 BT2 Limits  
 RT Annual Dose Equivalent  
 RT Radiation Safety  
 SO Radiation  
 DEF (IAEA) The value of the annual dose equivalent that must not be exceeded, according to the ICRP system of dose limitation. It is regarded as the lower boundary of an unacceptable dose region.

**ANNUAL EFFECTIVE DOSE EQUIVALENT**

(DOE Order 5480.11)  
 DA October 12, 1990

BT1 Annual Dose Equivalent  
 BT2 Dose Equivalents  
 BT3 Radiation Units  
 BT4 Units of Measure  
 BT1 Effective Dose Equivalent  
 BT2 Dose Equivalents  
 BT3 Radiation Units  
 BT4 Units of Measure  
 NT1 Cumulative Annual Effective Dose Equivalent  
 SO Industrial Hygiene  
 DEF (DOE Order 5480.11) The effective dose equivalent received in a year. The annual effective dose equivalent is expressed in units of rem (or sievert).

**ANNUAL LIMIT ON INTAKE**

(DOE Order 5480.11; NCRP; IAEA; EMER)

DA October 16, 1990

SF *ALI*

BT1 Intake

BT2 Measurements

BT1 Radiation Standards

BT2 Standards

BT3 Codes, Standards, and Regulations

RT Derived Air Concentration

RT Dose Commitments

RT Occupational Exposure

RT Radiation Safety

RT Reference Man

SO Emergency Preparedness

SO Environmental Management

SO Industrial Hygiene

SO Radiation

DEF (ICRP) The quantity of a single radionuclide which, if inhaled or ingested in 1 year, would irradiate a person, represented by Reference Man (ICRP Publication 23) to the limiting value for control of the workplace (paragraph 9(2)).

**ANNUAL REPORTS**

(TSCA; CFR)

DA October 19, 1990

BT1 Reports

RT Annual Document Logs

SO Hazardous Materials

DEF (CFR) Written documents submitted each year by each disposer and commercial storer of PCB waste to the appropriate EPA Regional Administrator. The annual report is a brief summary of the information included in the annual document log.

**ANNUAL SITE ENVIRONMENTAL REPORTS**

(DOE Order 5400.1)

DA May 24, 1991

BT1 Reports

RT Environmental Monitoring

DEF (DOE Order 5400.1) The purpose of these reports is to present summary environmental data so as to characterize site

environmental management performance, confirm compliance with environmental standards and requirements, and highlight significant programs and efforts. Reports shall be prepared for all sites that conduct significant environmental protection programs. The breadth and detail should reflect the size and extent of any program at a particular site.

**ANNULAR CORE RESEARCH REACTOR**

DA January 8, 1991

SF *ACRR*

BT1 Reactors

**ANO-1**

DA October 12, 1990

SEE Arkansas Nuclear One-1

SO Acronyms

**ANS**

DA October 12, 1990

SEE American Nuclear Society

SO Acronyms

**ANSI**

DA October 12, 1990

SEE American National Standards Institute

SO Acronyms

**ANTAGONISM**

(EPA)

DA October 12, 1990

RT Chemical Substances

RT Neutralization

SO Environmental Protection Agency Glossary

DEF (EPA) The interaction of two chemicals having an opposing, or neutralizing, effect on each other, or given some specific biological effect a chemical interaction that appears to have an opposing or neutralizing effect over what might otherwise be expected.

**ANTARCTIC "OZONE HOLE"**

(EPA)

DA October 12, 1990

BT1 Ozone Depletion

RT Ozone Depletion

SO Environmental Protection Agency Glossary

DEF (EPA) Refers to the seasonal depletion of ozone in a large area over Antarctica.

**ANTENNA**

(2377 ANTENNA)

DA January 3, 1991

BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)

BT2 Equipment

SO DOE FRASE VOCABULARY

**ANTI-DEGRADATION CLAUSE**

(EPA)

DA October 12, 1990

BT1 Requirements

RT Air Quality Criteria

RT Pollution

RT Water Quality Criteria

SO Environmental Protection Agency Glossary

DEF (EPA) Part of federal air quality and water quality requirements prohibiting deterioration where pollution levels are above the legal limit.

**ANTI-MICROBIAL AGENTS**

(FIFRA; CFR)

DA January 24, 1991

SO Environmental Management

DEF (CFR) Includes all substances or mixtures of substances intended for inhibiting the growth of or destroying any bacteria, fungi pathogenic to man and other animals, or viruses declared to be pests. These include but are not limited to: disinfectants, sanitizers, bacteriostats, sterilizers, fungicides and fungistats, and commodity preservatives and protectants. These do not include (a) substances or mixtures of substances intended to inhibit the growth of, inactivate or destroy fungi, bacteria, or viruses in or on living man or other animals; and (b) substances or mixtures of substances intended to inhibit the growth of, inactivate or destroy fungi, bacteria, or viruses in or on processed food, beverages, or pharmaceuticals including cosmetics.

**ANTIBODIES**

(EPA)

DA October 12, 1990

BT1 Proteins

BT2 Organic Chemicals

BT3 Chemical Substances

NT1 Monoclonal Antibodies

RT Antigens

SO Environmental Protection Agency Glossary

DEF (EPA) Proteins produced in the body by immune system cells in response to antigens, and capable of combining with antigens.

**ANTICIPATED OPERATIONAL OCCURRENCES**

(DOE Order 6430.1A)

DA October 12, 1990

BT1 Occurrences

RT Design Capacity

RT Fires

RT Spills

SO Construction

DEF (DOE Order 6430.1A) Abnormal events that are expected to occur

once or more during the lifetime of the facility (e.g. small radioactive materials spills, small fires, etc.).

#### ANTICIPATED PROCESSES AND EVENTS

(ANL: CFR)

DA May 22, 1991

BT1 Natural Phenomenon

BT1 Processes

SO Wastes

DEF (CFR) Those natural processes and events that are reasonably likely to occur during the period the intended performance objective must be achieved. To the extent reasonable in the light of the geologic record, it shall be assumed that those processes operating in the geologic setting during the Quaternary Period continue to operate but with the perturbations caused by the presence of emplaced radioactive waste superimposed thereon.

#### ANTICIPATED TRANSIENT WITHOUT SCRAM

DA January 8, 1991

SF ATWS

RT Reactor Shutdown

#### ANTICONTAMINATION CLOTHING

(2695 ANTI C CLOTH)

DA January 3, 1991

BT1 Clothing

BT1 Personal Protective Equipment

BT2 Equipment/Parts - Personal Protective (DOE FRASE Vocabulary)

BT3 Equipment

NT1 Acid Suit

NT1 Lab Coat

NT1 Radiation Suit

SO DOE FRASE VOCABULARY

#### ANTIGENS

(EPA)

DA October 12, 1990

RT Antibodies

RT Vaccines

SO Environmental Protection Agency Glossary

DEF (EPA) Substances that cause production of antibodies when introduced into animal or human tissue.

#### ANTIMONY 125

(EDB)

DA March 29, 1991

BT1 Beta-Minus Decay Radioisotopes

BT2 Beta Decay Radioisotopes

BT3 Radionuclides

BT4 CERCLA Hazardous Substances

BT5 Hazardous Substances

BT4 Nuclides

BT1 Years Living Radioisotopes

BT2 Radionuclides

BT3 CERCLA Hazardous Substances

BT4 Hazardous Substances

BT3 Nuclides

SO Radiation

AO

DA October 12, 1990

SEE Auxiliary Orifices

SO Acronyms

AOT

DA October 12, 1990

SEE Allowable Outage Time

SO Acronyms

API

DA October 12, 1990

SEE Axial Power Indicator

SO Acronyms

API (American Petroleum Institute)

DA October 12, 1990

SEE American Petroleum Institute

SO Acronyms

APM

DA October 12, 1990

SEE Axial Power Monitors

SO Acronyms

#### APPLIANCE(S)

(2378 APPLIANCE)

DA January 3, 1991

BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)

BT2 Equipment

NT1 Heating Appliance(s)

SO DOE FRASE VOCABULARY

#### APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

(EM)

DA November 5, 1990

SF ARARs

BT1 Standards

BT2 Codes, Standards, and Regulations

RT Superfund

DEF (EM) Requirements, including cleanup standards, standards of control, and other substantive environmental protection requirements and criteria for hazardous substances as specified under Federal and State law and regulations, that must be met when complying with the Comprehensive Environmental Response, Compensation, and Liability Act (From the Superfund Amendments and Reauthorization Act).

#### APPLICABLE STANDARDS AND LIMITATIONS

(SWDA; RCRA; CFR)

DA October 19, 1990

BT1 Standards

BT2 Codes, Standards, and Regulations

SO Wastes

DEF (CFR) All State, interstate, and federal standards and limitations to which a "discharge," a "sludge use or disposal practice" or a related activity is subject under the CWA (Clean Water Act), including "standards for sewage sludge use or disposal," "effluent limitations," water quality standards, standards of performance, toxic effluent standards or prohibitions, "best management practices," and pretreatment standards under sections 301, 302, 303, 304, 306, 307, 308, 403, and 405 of the Clean Water Act.

#### APPLICATION (PESTICIDE)

DA February 25, 1991

BT1 Processes

NT1 Band Application

NT1 Basal Application

NT1 Broadcast Application

RT Drift

#### APPLICATION FOR FEDERAL ASSISTANCE

(ESA; CFR)

DA October 12, 1990

RT Federal Agencies

SO Endangered Species

DEF (CFR) A description of work to be accomplished, including objectives and needs, expected results and benefits, approach, cost, location and time required for completion.

#### APPLIED RESEARCH

(DOE Order 4700.1)

DA January 24, 1991

BT1 Research and Development

BT2 Activities

RT Basic Research

SO Environmental Management

DEF (DOE 4700.1) Systematic study directed towards fuller scientific knowledge or understanding for direct use in fulfilling specific energy requirements.

#### APPRAISALS

(ESH)

DA October 12, 1990

NT1 Management Appraisals

NT2 Functional Appraisals

NT2 Internal Appraisals

NT1 Multidiscipline Technical Safety Assurance Appraisal

NT1 Safety Appraisals

NT2 Technical Safety Appraisals

SO Quality Assurance

DEF (DOE Order 5700.6B; ESH) A planned and documented activity performed in accordance with procedures to determine, by

examination and evaluation of objective evidence, the adequacy of and extent to which applicable elements of the quality assurance program have been developed, documented, and effectively implemented in accordance with specified requirements. Audits can be internal examinations of programs or activities under an organization's control and within its organizational structure or external examinations of programs or activities of another organization.

**APPROPRIATE ACT AND REGULATIONS**

(SWDA; RCRA; CWA; SDWA)  
 DA October 12, 1990  
 NT1 Clean Water Act  
 NT1 Resource Conservation and Recovery Act  
 NT1 Safe Drinking Water Act  
 NT1 Solid Waste Disposal Act  
 RT Codes, Standards, and Regulations  
 RT Statutes and Regulations  
 SO Wastes  
 SO Water Pollution  
 DEF The Clean Water Act (CWA); the Solid Waste Disposal Act, as amended by the Resource Conservation Recovery Act (RCRA); or Safe Drinking Water Act (SDWA), whichever is applicable; and applicable regulations promulgated under those statutes. In the case of an "approved State program," appropriate Act and regulations includes program requirements.

**APPROVALS NECESSARY TO BEGIN PHYSICAL CONSTRUCTION**

(CFR)  
 DA November 9, 1990  
 BT1 Licenses  
 BT1 Permits  
 RT Construction  
 RT Requirements  
 DEF (CFR) Permits and approvals required under Federal, State or local hazardous waste control statutes, regulations or ordinances.

**APPROVED MEDICAL PRACTITIONERS**

(IAEA)  
 DA October 12, 1990  
 BT1 Technically Qualified Individuals  
 BT2 Personnel  
 RT Medical Treatment  
 RT Occupational Medicine  
 SO Radiation  
 DEF (IAEA) Medical practitioners responsible for the medical surveillance of occupationally exposed workers whose capacity to act in this respect is recognized by the competent authority.

**APPROVED PROGRAMS**

(SWDA; RCRA; CFR)  
 DA October 12, 1990  
 BT1 Programs  
 RT PSD Permits  
 RT State Agencies  
 SO Environmental Management  
 SO Wastes  
 DEF (SWDA) State implementation plans providing for issuance of PSD permits which have been approved by EPA under the Clean Air Act and 40 CFR 51. An "approved State" is one administering an approved program. State Director as used in 40 CFR 124.4 means the person(s) responsible for issuing PSD permits under an approved program, or that person's delegated representative. Approved program or approved State means a State which has been approved or authorized by EPA under 40 CFR 271.

**APPROVED STATE PRIMACY PROGRAM**

(CFR)  
 DA October 19, 1990  
 BT1 Programs  
 NT1 State Program Revisions  
 RT Primary Drinking Water Regulations  
 RT State Agencies  
 RT State Primary Drinking Water Regulation  
 SO Water Pollution  
 DEF (CFR) Those program elements listed in 40 CFR 142.11(a) that were submitted with the initial State application for primary enforcement authority and approved by the EPA Administrator and all State program revisions thereafter that were approved by the EPA Administrator.

**APPROVED STATES**

(SWDA; RCRA)  
 DA October 19, 1990  
 BT1 States  
 SO Wastes  
 DEF (SWDA; RCRA) States which have been approved or authorized by EPA under 40 CFR 271.

**APPROVED STORAGE CONTAINERS**

(DOE Order 6430.1A)  
 DA October 12, 1990  
 BT1 Containers  
 SO Construction  
 DEF (DOE Order 6430.1A) Containers that are fabricated from noncombustible material(s) that satisfy container integrity criteria developed from the safety analysis for the particular form(s) of stored material under normal storage conditions, design basis fire and

other design basis accident conditions, and that are approved for their intended use by the responsible DOE operating contractor and the responsible DOE field organization.

**AQUATIC ECOSYSTEM**

(CWA; RHA)  
 DA January 11, 1991  
 SY Aquatic Environment  
 BT1 Environment

**AQUATIC ENVIRONMENT**

(CWA; RHA)  
 DA October 12, 1990  
 SY Aquatic Ecosystem  
 BT1 Environment  
 NT1 Benthic Region  
 RT Eutrophication  
 RT Filling  
 RT Limnology  
 RT Special Aquatic Sites  
 RT Surface Waters  
 RT Unacceptable Adverse Effects  
 SO Water Pollution  
 DEF (CFR) Waters of the United States, including wetlands, that serve as habitat for interrelated and interacting communities and populations of plants and animals.

**AQUIFERS**

(DOE Order 6430.1A; SWDA; RCRA; SDWA; CFR; ESH)  
 DA October 12, 1990  
 BT1 Formations  
 NT1 Confined Aquifers  
 NT1 Exempted Aquifers  
 NT1 Principal Source Aquifers  
 NT1 Semi-Confined Aquifers  
 NT1 Significant Source of Groundwater  
 NT1 Sole Source Aquifer  
 NT1 Underground Sources of Drinking Water  
 NT1 Uppermost Aquifers  
 RT Confining Beds  
 RT Confining Zones  
 RT Groundwater  
 SO Construction  
 SO Environmental Management  
 SO Environmental Protection Agency Glossary  
 SO Wastes  
 SO Water Pollution  
 DEF (CFR) An underground geological formation, or group of formations, containing usable amounts of groundwater that can supply wells and springs.

**ARARs**

DA October 12, 1990  
 SEE Applicable or Relevant and Appropriate Requirements  
 SO Acronyms

**ARBITRATION**

(EPA)

DA October 12, 1990  
 BT1 Administrative Processes  
 BT2 Processes  
 RT Work Processes  
 RT Work Environment  
 SO Environmental Protection Agency  
 Glossary  
 DEF (EPA) A process for the resolution of disputes. Decisions are made by an impartial arbitrator selected by the parties. These decisions are usually legally binding.

**ARCHAEOLOGICAL RESOURCES**

(ARPA)  
 DA April 24, 1991  
 RT Archaeological Resources  
 Protection Act of 1979  
 RT Federal Land Managers  
 RT Indian Tribes  
 RT Indian Lands  
 RT Natural Resources  
 RT Public Lands  
 RT Targets  
 SO Environmental Management  
 DEF (ARPA) Any material remains of past human life or activities which are of archaeological interest, as determined under uniform regulations promulgated pursuant to the Archaeological Resources Protection Act of 1979. Such regulations containing such determination shall include, but not be limited to: pottery, basketry, bottles, weapons, weapon projectiles, tools, structures, or portions of structures, pit houses, rock paintings, rock carvings, intaglios, graves, human skeletal materials, or any portion or piece of any of the foregoing items. Nonfossilized and fossilized paleontological specimens, or any portion or piece thereof, shall not be considered archaeological resources, under the regulations under ARPA, unless found in an archaeological context. No item shall be treated as an archaeological resource under regulations of this act unless such item is at least 100 years of age.

**ARCHAEOLOGICAL RESOURCES**

**PROTECTION ACT OF 1979**  
 DA April 24, 1991  
 SF ARPA  
 BT1 Acts  
 BT2 Statutes and Regulations  
 RT Archaeological Resources  
 RT Federal Land Managers  
 RT Indian Lands  
 RT Natural Resources  
 RT Public Lands  
 SO Environmental Management  
 DEF (ARPA) The purpose of this Act is to secure, for the present and future benefit of the American people, the protection of

archaeological resources and sites which are on public lands and Indian lands, and to foster increased cooperation and exchange of information between governmental authorities, the professional archaeological community, and private individuals having collections of archaeological resources and data which were obtained before the date of the enactment of this act.

**ARCHITECT ENGINEER**

DA January 8, 1991  
 SF A/E  
 BT1 Personnel

**AREA**

(1601 AREA)  
 DA December 10, 1990  
 BT1 Sites/Areas  
 NT1 Canal Area  
 NT1 Construction Area  
 NT1 Customer Service Area  
 NT1 Data Processing Area  
 NT1 Decontamination Areas  
 NT1 Eating Area  
 NT2 Cafeteria  
 NT1 Field Area  
 NT1 Maintenance Area  
 NT1 Office Area  
 NT1 Pit Area  
 NT1 Production/Operations Area  
 NT1 Pump Area  
 NT1 Recreation Area  
 NT1 Sand Blasting Area  
 NT1 Storage Area  
 NT2 Stock Room  
 NT2 Warehouse  
 NT1 Sump Area  
 NT1 Test Area  
 NT2 Fast Flux Test Facility  
 NT2 Nevada Test Site  
 NT2 Rocket Motor Test Sites  
 NT2 Test Reactor Facility  
 NT2 Test Stations  
 NT2 Test Reactor Area  
 NT2 Tonopah Test Range  
 NT1 Vehicle Service Area  
 NT1 Yard Area  
 SO DOE FRASE VOCABULARY

**AREA AROUND EYE**

(1083 AREA EYE)  
 DA November 28, 1990  
 BT1 Face  
 BT2 Head  
 BT3 Human Body Parts  
 NT1 Eyelid(s)  
 RT Eye Protection  
 RT Eye(s)  
 SO DOE FRASE VOCABULARY

**AREA CONTROL ROOM**

DA January 8, 1991  
 SF ACR

**AREA OF REVIEW**

(SDWA; CFR; EPA)  
 DA October 12, 1990  
 BT1 Sites/Areas  
 RT Injection Wells  
 SO Environmental Protection Agency  
 Glossary  
 DEF (EPA) In the UIC (Underground Injection Control) program, the area surrounding an injection well that is reviewed during the permitting process to determine whether the injection operation will induce flow between aquifers. (CFR) The area surrounding an injection well described according to the criteria set forth in 40 CFR 146.06 or in the case of an area permit, the project area plus a circumscribing area the width of which is either 1/4 of a mile or a number calculated according to the criteria set forth in section 146.06.

**AREA SOURCES**

(CAA; CFR; EPA)  
 DA October 12, 1990  
 RT Air Pollutants  
 RT Mobile Sources  
 RT Point Sources  
 SO Air Pollution  
 SO Environmental Management  
 SO Environmental Protection Agency  
 Glossary  
 DEF (EPA) Small sources of nonnatural air pollution that are released over a relatively small area but which cannot be classified as a point source. Such sources may include vehicles and other small fuel combustion engines. (CFR) Any small residential, governmental, institutional, commercial, or industrial fuel combustion operations; onsite solid waste disposal facility; motor vehicles, aircraft vessels, or other transportation facilities or other miscellaneous sources identified through inventory techniques similar to those described in the AEROS Manual series, Vol. II AEROS User's Manual, EPA-450/2-76-029, December 1976.

**ARGONNE NATIONAL LABORATORY**

DA June 13, 1991  
 BT1 Government-Owned  
 Contractor-Operated Facilities  
 BT2 Federal Facilities  
 BT3 Facilities  
 BT1 Laboratories  
 BT2 Research and Development  
 Organizations  
 BT3 Organizations  
 NT1 Argonne National Laboratory-East  
 (Chicago)

**NT1** Argonne National Laboratory-West (At INEL)  
**RT** Chicago Operations Office  
**SO** Management  
**DEF** (Capsule Review of DOE Research and Development and Field Facilities, 1986) ANL, established by the Atomic Energy Act of 1946, conducts applied research and engineering development in nuclear fission and other energy technologies and scientific research in basic physical and life sciences. R&D at ANL links technology base research with engineering development, from concept stages to application. ANL's role is to develop and operate research facilities for members of the scientific community, maintain close interaction with personnel in universities and industry and aid in the education of scientists and engineers.

**ARGONNE NATIONAL LABORATORY-EAST (CHICAGO)**  
**DA** January 8, 1991  
**SF** ANL-E  
**BT1** Argonne National Laboratory  
**BT2** Government-Owned Contractor-Operated Facilities  
**BT3** Federal Facilities  
**BT4** Facilities  
**BT2** Laboratories  
**BT3** Research and Development Organizations  
**BT4** Organizations  
**BT1** Laboratories  
**BT2** Research and Development Organizations  
**BT3** Organizations  
**RT** University of Chicago

**ARGONNE NATIONAL LABORATORY-WEST (AT INEL)**  
**DA** January 8, 1991  
**SF** ANL-W  
**BT1** Argonne National Laboratory  
**BT2** Government-Owned Contractor-Operated Facilities  
**BT3** Federal Facilities  
**BT4** Facilities  
**BT2** Laboratories  
**BT3** Research and Development Organizations  
**BT4** Organizations  
**BT1** Laboratories  
**BT2** Research and Development Organizations  
**BT3** Organizations  
**RT** University of Chicago

**ARI**  
**DA** October 12, 1990  
**SEE** Alternate Rod Insertion  
**SO** Acronyms

**ARKANSAS NUCLEAR ONE-1**  
**DA** January 8, 1991  
**SF** ANO-1  
**BT1** Reactors  
**ARM(S)**  
 (1095 ARM)  
**DA** November 28, 1990  
**BT1** Human Body Parts  
**NT1** Forearm(s)  
**NT1** Upper Arm  
**RT** Elbow(s)  
**RT** Forearm Protection  
**RT** Hand(s)  
**SO** DOE FRASE VOCABULARY

**ARMORERS**  
 (DOE Order 5480.16)  
**DA** October 12, 1990  
**BT1** Personnel  
**RT** Defective Firearm  
**RT** Firearms  
**RT** Misfires  
**RT** Munitions  
**RT** Protective Force Personnel  
**RT** Tagging  
**SO** Firearms  
**DEF** (DOE Order 5480.16) Individuals who by schooling, experience, and assignment are trained to operate, maintain, and repair weapons used by protective force personnel.

**ARPA**  
**DA** April 24, 1991  
**SEE** Archaeological Resources Protection Act of 1979  
**SO** Acronyms

**ARS**  
**DA** October 12, 1990  
**SEE** Alternate Removal Systems  
**SO** Acronyms

**ARSENIC CONTAINING GLASS TYPES (CFR)**  
**DA** November 15, 1990  
**RT** Theoretical Arsenic Emissions Factor  
**SO** Air Pollution  
**DEF** (CFR) Any glass that is distinguished from other glass solely by the weight percent of arsenic added as a raw material and by the weight percent of arsenic in the glass produced. Any two or more glasses that have the same weight percent of arsenic in the raw materials as well as in the glass produced shall be considered to belong to one arsenic-containing glass type, without regard to the recipe used or any other characteristics of the glass or the method of production.

**ARSENIC KITCHENS (CFR)**

**DA** October 12, 1990  
**BT1** Control Devices  
**BT2** Devices  
**RT** Inorganic Arsenic  
**RT** Theoretical Arsenic Emissions Factor  
**SO** Air Pollution  
**DEF** (CFR) Baffled brick chambers where inorganic arsenic vapors are cooled, condensed, and removed in a solid form.

**ARTICLES (TSCA; CFR)**  
**DA** October 12, 1990  
**NT1** Consumer Products  
**NT1** PCB Articles  
**NT1** Radioactive Articles  
**SO** Compensation and Liability  
**SO** Environmental Management  
**DEF** (CFR) Manufactured items (1) which are formed to a specific shape or design during manufacture; (2) which have end use functions dependent in whole or in part upon their shape or design during end use; and (3) which do not release a toxic chemical under normal conditions of processing or use of those items at the facility or establishments.

**ARTIFICIAL REEFS (CWA; RHA; CFR)**  
**DA** October 12, 1990  
**BT1** Structures (DOE FRASE Vocabulary)  
**RT** Fish  
**SO** Water Pollution  
**DEF** (CFR) Structures that are constructed or placed in the navigable waters of the United States or in the waters overlying the outer continental shelf for the purpose of enhancing fishery resources and commercial and recreational fishing opportunities. The term does not include activities or structures such as wing deflectors, bank stabilization, grade stabilization structures, or low flow key ways, all of which may be useful to enhance fisheries resources.

**AS EXPEDITIOUSLY AS PRACTICABLE (CAA)**  
**DA** October 12, 1990  
**SO** Air Pollution  
**DEF** (CAA) Means as expeditiously as practicable but in no event later than five years after the date of approval of a plan revision.

**AS LOW AS PRACTICABLE (SSDC)**  
**DA** October 12, 1990  
**SF** ALAP

BT1 Radiation Standards  
 BT2 Standards  
 BT3 Codes, Standards, and Regulations  
 RT As Low As Reasonably Achievable  
 SO System Safety Development Center Glossary  
 DEF (SSDC) This has been replaced by "As Low as Reasonably Achievable (ALARA)." This was a DOE guideline on limiting personnel exposures to ionizing radiation ALAP in terms of economic and technical feasibility.

**AS LOW AS REASONABLY ACHIEVABLE**

(DOE Orders 5400.5, 5480.11; SSDC)  
 DA October 12, 1990  
 SF ALARA  
 BT1 Radiation Standards  
 BT2 Standards  
 BT3 Codes, Standards, and Regulations  
 RT As Low As Practicable  
 RT Dose Equivalents  
 RT Radiation Protection  
 RT Radiation Safety  
 SO Construction  
 SO Environmental Management  
 SO Industrial Hygiene  
 SO System Safety Development Center Glossary  
 DEF (DOE Order 5400.5) A phrase (acronym) used to describe an approach to radiation protection to control or manage exposures (both individual and collective to the work force and the general public) and releases of radioactive material to the environment as low as social, technical, economic, practical, and public policy considerations permit. As used in this Order, ALARA is not a dose limit, but rather it is a process that has as its objective the attainment of dose levels as far below the applicable limits of the Order as practicable. (SSDC) Order DOE 5480.1, Chapter 1, outlines requirements for radiation protection for DOE and DOE contractor operations. This includes keeping worker and public exposures to ionizing radiation as low as reasonably achievable by techniques outlined in the chapter.

**ASBESTOS**

(TSCA; CFR; EPA)  
 DA October 12, 1990  
 BT1 Carcinogens  
 BT2 Hazardous Substances  
 BT1 CERCLA Hazardous Substances  
 BT2 Hazardous Substances  
 NT1 Commercial Asbestos  
 NT1 Friable Asbestos  
 RT Asbestos Materials

SO Air Pollution  
 SO Environmental Management  
 SO Environmental Protection Agency Glossary  
 SO Hazardous Materials  
 DEF (EPA) A mineral fiber that can pollute air or water and cause cancer or asbestosis when inhaled. EPA has banned or severely restricted its use in manufacturing and construction. (CFR) Asbestiform varieties of chrysotile (serpentine), crocidolite (riebeckite), amosite (cummingtonite-grunerite), anthophyllite, tremolite, or actinolite.

**ASBESTOS-CONTAINING MATERIALS**

(CFR)  
 DA October 12, 1990  
 BT1 Asbestos Materials  
 BT2 Materials  
 NT1 Friable Asbestos-Containing Materials  
 RT EPA Guidance Document  
 SO Hazardous Materials  
 DEF (CFR) Materials which contain more than 1 percent asbestos by weight.

**ASBESTOS-CONTAINING WASTE MATERIALS**

(TSCA; CAA; CFR; EPA)  
 DA November 15, 1990  
 BT1 Asbestos Materials  
 BT2 Materials  
 BT1 Wastes  
 NT1 Asbestos Tailings  
 NT1 Asbestos Waste from Control Devices  
 RT Inactive Waste Disposal Sites  
 RT Renovation  
 SO Air Pollution  
 SO Environmental Management  
 DEF (CFR) Any waste that contains commercial asbestos and is generated by a source subject to the provisions of this subpart. This term includes asbestos mill tailings, asbestos waste from control devices, friable asbestos waste material, and bags or containers that previously contained commercial asbestos. However, as applied to demolition and renovation operations, this term includes only friable asbestos waste and asbestos waste from control devices.

**ASBESTOS MATERIALS**

(CFR)  
 DA October 12, 1990  
 BT1 Materials  
 NT1 Asbestos-containing Materials  
 NT2 Friable Asbestos-Containing Materials  
 NT1 Asbestos-Containing Waste Materials  
 NT2 Asbestos Tailings

NT2 Asbestos Waste from Control Devices  
 NT1 Friable Asbestos Materials  
 NT1 Particulate Asbestos Materials  
 RT Asbestos  
 SO Air Pollution  
 SO Environmental Management  
 DEF (CFR) Any materials containing asbestos.

**ASBESTOS MILLS**

(CAA; CFR)  
 DA October 12, 1990  
 BT1 Facilities  
 RT Commercial Asbestos  
 SO Air Pollution  
 SO Environmental Management  
 DEF (CFR) Facilities engaged in converting, or in any intermediate step in converting, asbestos ore into commercial asbestos. Outside storage of asbestos material is not considered a part of the asbestos mill.

**ASBESTOS TAILINGS**

(CFR)  
 DA October 12, 1990  
 BT1 Asbestos-Containing Waste Materials  
 BT2 Asbestos Materials  
 BT3 Materials  
 BT2 Wastes  
 BT1 Tailings  
 BT2 Solid Wastes  
 BT3 Wastes  
 SO Air Pollution  
 DEF (CFR) Solid wastes that contain asbestos and are products of asbestos mining or milling operations.

**ASBESTOS WASTE FROM CONTROL DEVICES**

(CAA; CFR)  
 DA October 12, 1990  
 BT1 Asbestos-Containing Waste Materials  
 BT2 Asbestos Materials  
 BT3 Materials  
 BT2 Wastes  
 RT Control Devices  
 RT Friable Asbestos  
 SO Air Pollution  
 SO Environmental Management  
 DEF (CFR) Any waste material that contains asbestos and is collected by a pollution control device.

**ASBESTOSIS**

(EPA)  
 DA October 12, 1990  
 BT1 Diseases  
 BT1 Illnesses  
 RT Occupational Illnesses  
 RT Occupational Exposure  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) A disease associated with

chronic exposure to and inhalation of asbestos fibers. The disease makes breathing progressively more difficult and can lead to death.

the information necessary to make decisions and to implement specific emergency measures.

**ASHES**

- (EPA)
- DA October 12, 1990
- BT1 Wastes
- NT1 Bottom Ash
- NT1 Fly Ash
- RT Combustion
- RT Smoke
- SO Environmental Protection Agency Glossary
- DEF (EPA) The mineral content of a product remaining after complete combustion.

**ASME**

- DA October 12, 1990
- SEE American Society of Mechanical Engineers
- SO Acronyms

**ASPHYXIA**

- (1303 ASPHYXIA)
- DA November 28, 1990
- BT1 Injuries
- SO DOE FRASE VOCABULARY

**ASPHYXIANTS**

- (EMER)
- DA February 1, 1991
- BT1 Hazardous Chemicals
- BT2 Hazardous Substances
- RT Ventilation
- SO Emergency Preparedness
- DEF (EMER) Chemical vapors or gases which replace the oxygen in air and can cause death by suffocation. Asphyxiants are especially hazardous when present in confined spaces.

**ASPHYXIATION**

- (SSDC)
- DA October 12, 1990
- SO System Safety Development Center Glossary
- DEF (SSDC) Human deprivation of oxygen by chemical or physical means. Chemical asphyxiants prevent oxygen transfer from the blood to body cells. Physical asphyxiants prevent oxygen from reaching the blood.

**ASSESSMENT ACTIONS**

- (EMER)
- DA February 1, 1991
- BT1 Actions
- BT2 Responses
- RT Assessments
- SO Emergency Preparedness
- DEF (EMER) Those actions taken during or immediately after an incident or emergency to gather and process

**ASSESSMENT AREA**

- (CFR)
- DA November 15, 1990
- BT1 Sites/Areas
- RT Assessments
- RT Hazardous Substances
- RT Natural Resources
- RT Oil Spills
- DEF (CFR) The area or areas within which natural resources have been affected directly or indirectly by the discharge of oil or release of a hazardous substance and that serves as the geographic basis for the injury assessment.

**ASSESSMENT PLANS**

- (TTGM)
- DA May 7, 1991
- BT1 Plans
- RT Tiger Team Assessments
- RT Tiger Team Leaders
- SO Management
- DEF (TTGM) Following the pre-assessment site visit and review of information, the Tiger Team Leader, Assessment component team leaders, and team members will prepare an Assessment Plan which will outline the key issues, general approach, and specific on-site activities. The plan should include: 1) issue identification; 2) an agenda; 3) a list of the records, files, and other documents that team members intend to review on site; and 4) a determination of a) the presence of classified projects/wastes and b) the adequacy of oversight.

**ASSESSMENT TEAM LEADERS**

- (TTGM)
- DA May 7, 1991
- BT1 Personnel
- RT Tiger Team Assessments
- RT Tiger Teams
- RT Tiger Team Leaders
- RT Tiger Team Administrators
- SO Management
- DEF (TTGM) Assessment Team Leaders are primarily responsible for the detailed technical conduct and results of their respective assessment teams, and provide direct supervision of the day-to-day activities of their individual team members.

**ASSESSMENTS**

- (CFR; EMER)
- DA November 15, 1990
- BT1 Administrative Processes
- BT2 Processes
- NT1 Biological Assessments

- NT1 Consequence Assessments
- NT1 Credibility Assessments
- NT1 Damage Assessments
- NT2 Natural Resource Damage Assessment
- NT2 Natural Resource Damage Preassessment Screens
- NT1 Data Quality Assessments
- NT1 Endangered Assessment
- NT1 Environmental Assessments
- NT1 Exposure Assessment
- NT1 Operation Assessment and Readiness
- NT1 Performance Assessments
- NT1 Preliminary Assessment
- NT1 Process Waste Assessment
- NT1 RCRA Facility Assessment
- NT1 Risk Assessment
- NT2 Probabilistic Risk Assessment
- NT1 Seabrook Station Probabilistic Safety Assessment
- NT1 Self-Assessment
- NT1 Systematic Assessment of Licensee Performance
- NT1 Tiger Team Assessments
- NT2 Environment Assessments
- NT2 Management and Organization Assessment
- NT2 Safety and Health Assessments
- NT1 Type A Assessments
- NT1 Type B Assessments
- NT1 Unified Dose Assessments
- RT Analyses
- RT Assessment Actions
- RT Assessment Area
- RT Carcinogen Risk Assessment Verification Endeavor Workgroup
- RT Comprehensive Environmental Assessment and Response Program
- RT Federal Radiological Monitoring and Assessment Centers
- RT Federal Radiological Monitoring and Assessment Plans
- RT Inspection and Evaluation
- RT Multimedia Environmental Pollutant Assessment System
- RT Natural Resources
- RT Remedial Action Assessment System
- RT Solid Waste Assessment Test
- SO Emergency Preparedness
- SO Management
- DEF (CFR) The processes of collecting, compiling, and analyzing information, statistics, or data through prescribed methodologies.

**ASSETS**

- (SWDA; RCRA; CFR)
- DA October 12, 1990
- NT1 Current Assets
- RT Capital Expenditure
- RT Liabilities
- SO Wastes
- SO Water Pollution
- DEF All existing and all probable future economic benefits obtained or controlled by a particular entity.

**ASSIGNED RISKS**

(SSDC)  
 DA October 12, 1990  
 BT1 Risks  
 RT States  
 SO System Safety Development Center Glossary  
 DEF (SSDC) Risks which are assigned, by State law, to an insurer from a pool of insurers (usually all those licensed in the State) who would not otherwise accept it.

**ASSIMILATION**

(EPA)  
 DA October 12, 1990  
 BT1 Pollution Recovery Processes  
 BT2 Processes  
 RT Pollutants  
 RT Surface Waters  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) The ability of a body of water to purify itself of pollutants.

**ASSISTANT ADMINISTRATOR FOR FISHERIES**

(ESA; CFR)  
 DA October 12, 1990  
 BT1 Administrators  
 BT2 Personnel  
 SO Endangered Species  
 DEF (CFR) The Assistant Administrator for Fisheries, National Oceanic and Atmospheric Administration, Department of Commerce, or his authorized delegate. The Assistant Administrator for Fisheries is in charge of the National Marine Fisheries Service.

**ASSOCIATED UNIVERSITIES, INC.**

DA January 11, 1991  
 BT1 Companies  
 BT2 Commercial Organizations  
 BT3 Organizations  
 RT Brookhaven National Laboratory  
 RT Chicago Operations Office

**ASSUMED RISKS**

(SSDC; MORT)  
 DA October 12, 1990  
 BT1 Risks  
 RT Acceptable Risks  
 RT Events  
 RT Oversights and Omissions  
 RT Specific Control Factors  
 SO System Safety Development Center Glossary  
 DEF (SSDC) Specific, analyzed residual risks accepted at an appropriate level of management. Ideally, the risk has had analysis of alternatives for increasing control and evaluation of significance of consequences. (MORT) MORT analysis asks the following questions: What are the assumed risks? Are they specific, named

events? Are they analyzed, and where possible, calculated (quantified)? Was there a specific decision to assume each risk? Was it made by a person who had management delegated authority to assume the risk.

**ATMOSPHERE**

(EPA)  
 DA October 12, 1990  
 NT1 Stratosphere  
 NT1 Troposphere  
 RT Accessible Environment  
 RT Air  
 RT Atmosphere Gases  
 RT Biosphere  
 RT Contrails  
 RT Lithosphere  
 RT Pressure (Surface)  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) (1) A standard unit of pressure representing the pressure exerted by a 29.92-inch column of mercury at sea level at 45' latitude and equal to 1000 grams per square centimeter. (2) The whole mass of air surrounding the earth, composed largely of oxygen and nitrogen.

**ATMOSPHERE GASES**

(SWDA; RCRA; ESH)  
 DA October 12, 1990  
 BT1 Gases  
 RT Atmosphere  
 SO Hazardous Materials  
 DEF Gases that are commercially derived through an air separation process.

**ATMOSPHERIC RELEASE ADVISORY CAPABILITY**

(DOE Order 5500.1A, Attach. II, 6)  
 DA January 24, 1991  
 RT Emissions  
 RT Information Systems  
 SO Environmental Management  
 DEF (DOE 5500.1A) A computer based system that provides rapid predictions of the transport, diffusion, and deposition of radioactive nuclides or other toxic materials released to the atmosphere and dose projections to people and the environment.

**ATOMIC ENERGY ACT**

(Doe Order Definitions)  
 DA October 12, 1990  
 SF AEA  
 BT1 Acts  
 BT2 Statutes and Regulations  
 RT Extraordinary Nuclear Occurrences  
 RT Inconsistencies  
 SO Industrial Hygiene  
 DEF The Act (1954) which placed production and control of nuclear

materials within a civilian agency, originally the Atomic Energy Commission.

**ATOMIC ENERGY ACT FACILITIES**

(DOE Order 5480.2)  
 DA October 16, 1990  
 SY Government-Owned Contractor-Operated Facilities  
 BT1 Facilities  
 RT Atomic Energy Defense Activities  
 SO Environmental Management  
 DEF (DOE Order 5480.2) Those DOE facilities operated under authority of the Atomic Energy Act of 1954 as amended.

**ATOMIC ENERGY COMMISSION**

DA January 8, 1991  
 SF AEC  
 BT1 Federal Agencies  
 BT2 Agencies  
 BT3 Administrative Organizations  
 BT4 Organizations  
 RT Energy Research and Development Administration  
 RT Extraordinary Nuclear Occurrences  
 RT U.S. Department of Energy  
 DEF Federal agency created in 1946 to manage the development, use and control of nuclear energy for military and civilian application. Abolished by the Energy Reorganization Act of 1974 and succeeded by the Energy Research and Development Administration (now part of the U.S. Department of Energy) and the U.S. Nuclear Regulatory Commission.

**ATOMIC ENERGY DEFENSE ACTIVITIES**

(ANL; NWPA)  
 DA May 22, 1991  
 SY Atomic Energy Defense Activities of the Secretary  
 BT1 Activities  
 RT Atomic Energy Act Facilities  
 RT Civilian Nuclear Activities  
 SO Management  
 DEF (NWPA) Activities of the Secretary of Energy performed in whole or in part in carrying out any of the following functions: naval reactors development; weapons activities including defense inertial confinement fusion; verification and control technology; defense nuclear material production; defense nuclear waste and materials by-product management; defense nuclear materials security and safeguards and security investigations; and defense research and development.

**ATOMIC ENERGY DEFENSE  
ACTIVITIES OF THE SECRETARY**

(ANL; LLRWPA)  
 DA May 24, 1991  
 SY Atomic Energy Defense Activities  
 DEF (LLRWPA) Those activities and facilities of the Department of Energy carrying out the function of 1) naval reactors development and propulsion; 2) weapons activities, verification and control technology; 3) defense materials production; 4) defense waste management; and 5) defense nuclear materials security and safeguards (all as included in the Department of Energy appropriations account in any fiscal year for atomic energy defense activities).

**ATOMIC INDUSTRIAL FORUM**

DA January 8, 1991  
 SF AIF  
 BT1 Professional Bodies  
 BT2 Organizations

**ATOMIC WEAPONS**

(AEA; CFR)  
 DA January 24, 1991  
 RT Nevada Test Site  
 RT Nuclear Winter  
 SO Environmental Management  
 DEF (CFR) Any device utilizing atomic energy, exclusive of the means for transporting or propelling the device (where such means are a separable and divisible part of the device), the principal purpose of which is for use as, or for development of, a weapon prototype, or a weapon test device.

**ATOMIZE**

(EPA)  
 DA October 12, 1990  
 BT1 Processes  
 RT Aerosols  
 RT Particulates  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) To divide a liquid into extremely minute particles, either by impact with a jet of steam or compressed air, or by passage through some mechanical device.

**ATOMS**

(NIH)  
 DA October 12, 1990  
 SO Radiation  
 DEF (NIH) Smallest particles of an element which are capable of entering into a chemical reaction.

**ATS**

DA October 12, 1990  
 SEE Automatic Transfer Switch  
 SO Acronyms

**ATTACK WARNING SIGNALS**

(EMER)  
 DA February 1, 1991  
 BT1 Alarms  
 BT2 Devices  
 SO Emergency Preparedness  
 DEF (EMER) Three- to five-minute wavering tones on sirens or short blasts on horns or other devices, repeated as deemed necessary. It means that an actual attack against this country has been detected and that protective action should be taken immediately. As a matter of national civil defense policy, attack warning signals shall be used for no other purposes and have no other meanings.

**ATTAINMENT AREAS**

(EPA)  
 DA October 12, 1990  
 BT1 Sites/Areas  
 RT National Ambient Air Quality Standards  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Areas considered to have air quality as good as or better than the national ambient air quality standards as defined in the Clean Air Act. An area may be an attainment area for one pollutant and a nonattainment area for others.

**ATTENTION SIGNALS**

(EMER)  
 DA February 1, 1991  
 BT1 Alarms  
 BT2 Devices  
 SO Emergency Preparedness  
 DEF (EMER) Three- to five-minute steady tones, sounded strictly at the option of and on the authority of local government officials. The signals may be activated for natural or man-made disasters as local authorities may determine and may also be used to call attention to essential emergency information. Use of the attention or alert signals should always be accompanied by a public explanation and instructions to the public over local broadcast stations or by other means.

**ATTENUATION**

(EPA)  
 DA October 12, 1990  
 BT1 Processes  
 RT Degradation  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) The process by which a compound is reduced in concentration over time, through adsorption, degradation, dilution, and/or transformation.

**ATTRACTANTS**

(EPA)  
 DA November 5, 1990  
 BT1 Chemical Agents  
 RT Insects  
 RT Pests  
 SO Environmental Management  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Chemicals or agents that lure insects or other pests by stimulating their sense of smell.

**ATTRACTIVE NUISANCE**

(SSDC)  
 DA October 12, 1990  
 SO System Safety Development Center Glossary  
 DEF (SSDC) Conditions of a property that tend to attract children; for example, a sand pile or structures that can be climbed. Owners must take reasonable precautions to protect children, even though they illegally trespass on the property.

**ATTRITION**

(EPA)  
 DA October 12, 1990  
 BT1 Processes  
 RT Dust  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Wearing or grinding down of a substance by friction. A contributing factor in air pollution.

**ATWS**

DA October 12, 1990  
 SEE Anticipated Transient Without Scram  
 SO Acronyms

**AUDITS (SSDC)**

(SSDC)  
 DA October 19, 1990  
 SY Internal Audits  
 BT1 Administrative Processes  
 BT2 Processes  
 NT1 Environmental Audits  
 NT1 Field Audits  
 NT1 Internal Audits  
 NT1 System Audits  
 RT Functional Units  
 RT Laboratory Audits  
 SO System Safety Development Center Glossary  
 DEF (SSDC) Reviews and evaluations by an organization of its own internal safety/loss control program, program plan implementation, and operations under its direct control. They may consist of management audits, functional audits or comprehensive audits, which are internal counterparts of the appraisals by the same names. They also may be monitored self audits or

independent audits conducted by safety disciplines or other specialists, or by technical or managerial peers.

**AUTHORIZED INSPECTORS**

DA June 3, 1991  
 BT1 Personnel  
 RT Inspections  
 SO Hazardous Materials  
 DEF Inspectors who are currently commissioned by the National Board of Boiler and Pressure Vessel Inspectors and employed as an Inspector by an Authorized Inspection Agency.

**AUTHORIZED LIMITS**

(IAEA)  
 DA November 20, 1990  
 SY Prescribed Limits  
 BT1 Limits  
 RT Competent Authorities  
 SO Radiation  
 DEF (IAEA) Limits of any quantity specified by the competent authority for a given radiation practice or source. These are generally lower than the primary, secondary or derived limits.

**AUTHORIZED OFFICERS**

(ESA; CFR)  
 DA October 12, 1990  
 BT1 Personnel  
 RT Authorized Officials  
 RT Federal Agencies  
 RT State Agencies  
 SO Endangered Species  
 DEF (CFR) Any commissioned, warrant, or petty officer of the United States Coast Guard, or any officer or agent designated by the Director of the U.S. Fish and Wildlife Service, the Secretary of the Interior, the Secretary of Commerce, or the Secretary of the Treasury, or any officer designated by the head of a Federal or State agency which has entered into an agreement with the Secretary of the Interior, Secretary of Commerce, Secretary of the Treasury, or Secretary of Transportation to enforce the Acts, or any Coast Guard personnel accompanying and acting under the direction of a person included above in this definition.

**AUTHORIZED OFFICIALS**

DA November 15, 1990  
 BT1 Personnel  
 NT1 Lead Authorized Officials  
 RT Authorized Officers  
 RT Indian Tribes  
 DEF (CFR) Federal or State officials to whom is delegated the authority to act on behalf of the Federal or

State agency designated as trustee, or officials designated by Indian tribes, pursuant to section 126(d) of CERCLA, to perform a natural resource damage assessment. As used in this part, authorized official is equivalent to the phrase "authorized official or lead authorized official," as appropriate.

**AUTHORIZED REPRESENTATIVES**

(SWDA; RCRA)  
 DA October 12, 1990  
 BT1 Personnel  
 RT Administrators  
 RT Facilities  
 RT Operators  
 RT Project Managers  
 SO Environmental Management  
 SO Wastes  
 DEF (SWDA; RCRA) People responsible for the overall operation of a facility or an operational unit (i.e., part of a facility); for example, plant managers, superintendents or people of equivalent responsibility.

**AUTHORIZED WEAPONS**

(DOE Order 5480.16)  
 DA October 12, 1990  
 BT1 Firearms  
 RT Protective Force Personnel  
 SO Firearms  
 DEF (DOE Order 5480.16) Weapons authorized by the Department and issued by the responsible contractor or Departmental element to be used by protective force personnel in the performance of their duties.

**AUTOCLAVE**

(2476 AUTOCLAVE)  
 DA January 3, 1991  
 BT1 Heater(s)  
 BT2 Equipment/Parts - Heating (DOE FRASE Vocabulary)  
 BT3 Equipment  
 SO DOE FRASE VOCABULARY

**AUTOMATIC BACKUP SHUTDOWN OF THE SAFETY COMPUTER**

DA January 28, 1991  
 SF ABS-SC  
 RT Reactor Shutdown  
 SO Nuclear Facilities Incident Database

**AUTOMATIC DEPRESSURIZATION SYSTEM**

DA January 8, 1991  
 SF ADS (automatic depressurization system)  
 BT1 Systems  
 RT Depressurization

**AUTOMATIC INCIDENT ACTIONS (NFI)**

DA October 12, 1990  
 SF A/A  
 BT1 Actions  
 BT2 Responses  
 RT Process Water  
 SO Radiation  
 DEF (NFI) Mitigates large process water leaks automatically.

**AUTOMATIC REACTOR SCRAM (1543 ARS)**

DA November 29, 1990  
 BT1 Nature of Property Damage  
 BT1 Scram  
 BT2 Reactor Shutdown  
 RT Manual Reactor Scram  
 RT Nuclear Facility  
 RT Unscheduled Shutdown  
 RT Violations  
 SO DOE FRASE VOCABULARY

**AUTOMATIC RIFLES**

(DOE Order 5480.16)  
 DA October 12, 1990  
 BT1 Rifles  
 BT2 Small Arms  
 BT3 Firearms  
 RT Magazines  
 SO Firearms  
 DEF (DOE Order 5480.16) Firearms that employ either gas pressure or recoil force and mechanical spring action in ejecting the empty cartridge case after the first shot, loading the next cartridge from the magazine, firing and ejecting that cartridge, and repeating the above cycle as long as the pressure on the trigger is maintained or until the ammunition is exhausted.

**AUTOMATIC TRANSFER SWITCH**

DA January 8, 1991  
 SF ATS

**AUTORADIOGRAPHS**

(NIH)  
 DA October 12, 1990  
 RT Radiological Monitoring  
 SO Radiation  
 DEF (NIH) Records of radiation from radioactive material in an object, made by placing the object in close proximity to a photographic emulsion.

**AUTOTROPHIC**

(EPA)  
 DA October 12, 1990  
 RT Organisms  
 SO Environmental Protection Agency Glossary  
 DEF (EPA) Producing food from inorganic substances.

**AUXILIARY AIR UNITS**

(DOE Order 6430.1A)  
 DA October 12, 1990  
 BT1 Equipment

*RT* Hood Capture Efficiency  
*SO* Construction  
*DEF* (DOE Order 6430.1A) Factory-fabricated options or additions to a fume hood that introduce some portion of the make-up air directly at the hood with features that do not minimize the performance of the hood nor create operator discomfort.

**AUXILIARY FEEDWATER**

*DA* January 8, 1991  
*SF* *AFW*  
*BT1* Feedwater  
*DEF* Backup feedwater supply used during nuclear plant startup and shutdown; also known as emergency feedwater.

**AUXILIARY ORIFICES**

*DA* January 8, 1991  
*SF* *AO*

**AVIATION OPERATIONS**

(DOE Order 5480.13)  
*DA* October 12, 1990  
*BT1* Operations  
*BT2* Activities  
*NT1* Charter Operations  
*RT* Aircraft  
*RT* Aviation Safety  
*RT* Bird Strike  
*RT* Flight Crewmembers  
*RT* Ground Crews  
*RT* Heliports  
*SO* Aviation Safety  
*DEF* (DOE Order 5480.13) Any operations of aircraft or airports, or the provision of any aviation support services thereto.

**AVIATION SAFETY**

(DOE Order 5480.13)  
*DA* October 19, 1990  
*BT1* Safety  
*RT* Aviation Operations  
*RT* Bird Strike  
*DEF* (DOE order 5480.13) Establishes procedures and provides guidance to ensure that DOE and DOE contractor aviation operations are conducted in the safest manner possible, and that, to the extent possible, passenger and hazardous cargo air carrying operations maintain a level of safety equivalent to that attained by United States air carriers operating under 14 CFR 121.

**AVULSION**

(1304 AV)  
*DA* November 28, 1990  
*BT1* Injuries  
*RT* Amputation  
*SO* DOE FRASE VOCABULARY

**AX(S)**

(3026 AX)  
*DA* January 3, 1991  
*BT1* Tools - Manual  
*BT2* Tools (DOE FRASE Vocabulary)  
*BT3* Equipment  
*RT* Hatchet(s)  
*SO* DOE FRASE VOCABULARY

**AXIAL POWER INDICATOR**

*DA* January 8, 1991  
*SF* *API*  
*BT1* Equipment

**AXIAL POWER MONITORS**

(NFI)  
*DA* October 12, 1990  
*SF* *APM*  
*BT1* Monitors  
*BT2* Equipment  
*SO* Radiation  
*DEF* (NFI) Provide roof-top-ratio and axial flux information.

**B&RC**

*DA* June 18, 1991  
*SEE* Budget and Reporting Code  
*SO* Acronyms

**B/O**

*DA* October 12, 1990  
*SEE* Blackout  
*SO* Acronyms

**BAAQMD**

*DA* October 12, 1990  
*SEE* Bay Area Air Quality Management District  
*SO* Acronyms

**BACK**

(1107 BACKP)  
*DA* November 28, 1990  
*BT1* Trunk  
*BT2* Human Body Parts  
*NT1* Lower Back  
*NT1* Upper Back  
*RT* Ruptured Disk  
*RT* Spinal Cord  
*SO* DOE FRASE VOCABULARY

**BACK PRESSURE VALVE**

*DA* January 8, 1991  
*SF* *BPV*  
*BT1* Valves  
*BT2* Devices

**BACKFIT REVIEWS**

(SSDC)  
*DA* October 12, 1990  
*BT1* Safety Reviews  
*BT2* Reviews  
*BT3* Administrative Processes  
*BT4* Processes  
*SO* System Safety Development Center Glossary  
*DEF* (SSDC) Safety reviews of a system, process, procedure or

plant already in existence or in process. Such reviews may be conducted due to changing conditions or requirements or, due to the fact that an adequate system safety review had not been conducted previously.

**BACKGROUND LEVELS**

(EPA)  
*DA* October 12, 1990  
*NT1* Ubiquitous Background Levels  
*RT* Air Pollution  
*RT* Toxic Substances  
*SO* Environmental Protection Agency Glossary  
*DEF* (EPA) In air pollution control, concentrations of air pollutants in a definite area during a fixed time prior to the starting up or on the stoppage of a source of emission under control. In toxic substances monitoring, the average presence in the environment, originally referring to naturally occurring phenomena.

**BACKGROUND RADIATION**

(NIH)  
*DA* October 12, 1990  
*SY* Natural Background Radiation  
*BT1* Ionizing Radiation  
*BT2* Radiation  
*SO* Radiation  
*DEF* (NIH) Ionizing radiation arising from radioactive material other than the one directly under consideration. Background radiation due to cosmic rays and natural radioactivity is always present. There may also be background radiation due to the presence of radioactive substances in other parts of the building, in the building material itself, etc.

**BACKGROUND SOIL PH**

(RCRA; CFR)  
*DA* January 24, 1991  
*BT1* pH  
*BT2* Measurements  
*RT* Soils  
*SO* Environmental Management  
*DEF* (CFR) "Background soil pH" means the pH of the soil prior to the addition of substances that alter the hydrogen ion concentration.

**BACKUP SYSTEMS**

(NFI)  
*DA* October 12, 1990  
*BT1* Emergency Systems  
*BT2* Systems  
*RT* Reactor Operations  
*SO* Nuclear Facilities Incident Database  
*SO* Radiation  
*DEF* (NFI) Systems that are in backup status when a malfunction is detected.